

```
{
  "Formulas": [
    {
      "pH": 5.5,
      "Viscosity (cps)": 29600.0,
      "Appearance": "white cream",
      "Ingredients": [
        {
          "Ingredient": "polyglyceryl-3 distearate",
          "Phase": "a",
          "%w/w": 2.0,
          "Function": "moisturising agent",
          "Supplier": "-"
        },
        {
          "Ingredient": "distearoylisopropyl dimonium methosulfate",
          "Phase": "a",
          "%w/w": 1.0,
          "Function": "emulsifier",
          "Supplier": "-"
        },
        {
          "Ingredient": "glyceryl stearate",
          "Phase": "a",
          "%w/w": 2.0,
          "Function": "emulsifier",
          "Supplier": "-"
        },
        {
          "Ingredient": "cetearyl alcohol",
          "Phase": "a",
          "%w/w": 1.0,
          "Function": "emulsifier",
          "Supplier": "-"
        },
        {
          "Ingredient": "helianthus annuus (sunflower) seed oil",
          "Phase": "a",
          "%w/w": 15.0,
          "Function": "emollient",
          "Supplier": "-"
        },
        {
          "Ingredient": "tocopheryl acetate, helianthus annuus (sunflower) seed oil",
          "Phase": "a",
          "%w/w": 0.5,
          "Function": "antioxidant",
          "Supplier": "-"
        },
        {
          "Ingredient": "di water",
          "Phase": "b",
          "%w/w": 73.9,
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    "Function": "solvent",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "hydroxyethylcellulose",
    "Phase": "b",
    "%w/w": 0.4,
    "Function": "gelling agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
    "Phase": "c",
    "%w/w": 1.2,
    "Function": "preservative",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 4,
  "Spreadability": 2,
  "Ease of formulating": 5
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": "14000-16000",
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 73.8,
      "Function": "solvent",
      "Supplier": "- "
    },
    {
      "Ingredient": "niacinamide",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "- "
    }
  ]
}

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"Ingredient": "sodium phytate",
"Phase": "a",
"%w/w": 0.2,
"Function": "preservative",
"Supplier": "- "
},
{
  "Ingredient": "oleaclear olive squalane",
  "Phase": "b",
  "%w/w": 9.6,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "cetyl alcohol",
  "Phase": "b",
  "%w/w": 0.85,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "hydrogenated lecithin (and) c12-16 alcohols (and) palmitic acid",
  "Phase": "c",
  "%w/w": 4.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "sodium acrylates copolymer (and) lecithin",
  "Phase": "d",
  "%w/w": 0.75,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum (and) lecithin (and) sclerotium gum (and) pullulan",
  "Phase": "d",
  "%w/w": 0.6,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "potassiumazeloyl diglycinate",
  "Phase": "e",
  "%w/w": 3.0,
  "Function": "soothing agent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin (and) camellia sinensis leaf extract (and) water",
  "Phase": "e",
  "%w/w": 2.0,
  "Function": "whitening agent",
  "Supplier": "- "
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    },
    {
      "Ingredient": "alpha bisabolol natural",
      "Phase": "e",
      "%w/w": 0.2,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "benzyl alcohol (and) glyceryl caprylate (and) glyceryl undecylenate",
      "Phase": "e",
      "%w/w": 1.0,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium hydroxide",
      "Phase": "e",
      "%w/w": 0.0,
      "Function": "buffer",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 2,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 5,
    "Long lasting hydration": 2,
    "Spreadability": 3,
    "Ease of formulating": 3
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "15000-20000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 dicitrate/stearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",

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"%w/w": 2.0,
"Function": "emulsifier",
"Supplier": "- "
},
{
  "Ingredient": "diethylhexyl carbonate",
  "Phase": "a",
  "%w/w": 9.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "ethylhexyl stearate",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "persea gratissima (avocado) oil",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "hydroxybutyryl phytosphingosine",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "anti-aging agent",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 69.7,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
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      "Ingredient": "phenoxyethanol, caprylyl glycol",
      "Phase": "c",
      "%w/w": 1.0,
      "Function": "preservative",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 2,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 2,
    "Long lasting hydration": 3,
    "Spreadability": 2,
    "Ease of formulating": 2
  }
},
{
  "pH": 7.0,
  "Viscosity (cps)": 55000.0,
  "Appearance": "shining-pinkish cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "beeswax",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "di water",
      "Phase": "b",
      "%w/w": 55.29,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "propylene glycol",
      "Phase": "b",
      "%w/w": 11.0,
      "Function": "moisturising agent",

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    "Supplier": "-"},
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 4.0,
    "Function": "moisturising agent",
    "Supplier": "-"},
  {
    "Ingredient": "hydrolyzed hyaluronic acid",
    "Phase": "b",
    "%w/w": 0.2,
    "Function": "moisturising agent",
    "Supplier": "-"},
  {
    "Ingredient": "mica",
    "Phase": "b",
    "%w/w": 5.0,
    "Function": "colorant",
    "Supplier": "-"},
  {
    "Ingredient": "ci 45380, red 21 lake",
    "Phase": "b",
    "%w/w": 0.01,
    "Function": "colorant",
    "Supplier": "-"},
  {
    "Ingredient": "xanthan gum",
    "Phase": "c",
    "%w/w": 0.5,
    "Function": "gelling agent",
    "Supplier": "-"},
  {
    "Ingredient": "alcohol denat.",
    "Phase": "d",
    "%w/w": 10.0,
    "Function": "sensory modifier",
    "Supplier": "-"},
  {
    "Ingredient": "phenethyl alcohol",
    "Phase": "e",
    "%w/w": 1.0,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,

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    "Advance delivery system": 3,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 4,
    "Spreadability": 3,
    "Ease of formulating": 4
  }
},
{
  "pH": 4.92,
  "Viscosity (cps)": 16500.0,
  "Appearance": "milky cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-10 stearate ",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcoho",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "dicaprylyl carbonate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "coco-caprylate/caprate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "di water",
      "Phase": "b",
      "%w/w": 74.79,
      "Function": "solvent",
      "Supplier": "-"
    }
  ],

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{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium benzoate",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "20% citric acid",
  "Phase": "c",
  "%w/w": 1.21,
  "Function": "buffer",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 4
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 12000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-4 diisostearate/polyhydroxy-stearate/sebacate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 10.0,

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    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "ethylhexyl palmitate",
    "Phase": "a",
    "%w/w": 9.0,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "caprylyl glycol",
    "Phase": "a",
    "%w/w": 0.3,
    "Function": "preservative",
    "Supplier": "- "
  },
  {
    "Ingredient": "zinc stearate",
    "Phase": "a",
    "%w/w": 0.5,
    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 73.2,
    "Function": "solvent",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agen",
    "Supplier": "- "
  },
  {
    "Ingredient": "zinc sulfate heptahydrate",
    "Phase": "b",
    "%w/w": 1.0,
    "Function": "anti-microbial agent",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 5
}

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},
{
  "pH": 6.63,
  "Viscosity (cps)": 39000.0,
  "Appearance": "milky cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-10 stearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol ",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "dicaprylyl carbonate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "coco-caprylate/caprate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium polyacrylate",
      "Phase": "b",
      "%w/w": 0.5,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "di water",
      "Phase": "b",
      "%w/w": 76.5,
      "Function": "solvent",
      "Supplier": "-"
    }
  ]
}
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    },
    {
      "Ingredient": "glycerin",
      "Phase": "b",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "phenoxyethanol (and) ethylhexylglycerin",
      "Phase": "c",
      "%w/w": 1.0,
      "Function": "preservative",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 4,
    "Advance delivery system": 4,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 3,
    "Spreadability": 5,
    "Ease of formulating": 5
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "3000-5000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 73.2,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "trisodium citrate dihydrate",
      "Phase": "a",

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"%w/w": 0.1,
"Function": "buffer",
"Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "magnesium aluminum silicate",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "stabilizer",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl oleate citrate",
  "Phase": "c",
  "%w/w": 2.6,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "decyl cocoate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "lauryl oleate",
  "Phase": "c",
  "%w/w": 9.3,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
  "Phase": "d",
  "%w/w": 1.5,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "fragrance",
  "Phase": "d",
  "%w/w": 0.3,
  "Function": "odorant",
  "Supplier": "- "
},
{
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      "Ingredient": "10% sodium hydroxide",
      "Phase": "e",
      "%w/w": 0.35,
      "Function": "buffer",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 4,
    "Advance delivery system": 5,
    "Matte-Finish and Oil control": 3,
    "Long lasting hydration": 2,
    "Spreadability": 5,
    "Ease of formulating": 4
  }
},
{
  "pH": 5.5,
  "Viscosity (cps)": 20000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 63.9,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium citrate",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "buffer",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium hyaluronate",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "moisturising agent",

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"Supplier": "-"  
},  
{  
  "Ingredient": "xanthan gum",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydroxyethylcellulose",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "polyglyceryl-3 distearate",  
  "Phase": "c",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",  
  "Phase": "c",  
  "%w/w": 2.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cetearyl alcohol",  
  "Phase": "c",  
  "%w/w": 1.0,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glyceryl stearate",  
  "Phase": "c",  
  "%w/w": 1.0,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "decyl cocoate",  
  "Phase": "c",
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    "%w/w": 7.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "isoamyl laurate",
    "Phase": "c",
    "%w/w": 6.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "stearyl heptanoate",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "squalene",
    "Phase": "c",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "c",
    "%w/w": 0.3,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin, aqua, lecithin, tocopheryl acetate, 3-o-ethyl ascorbic acid, retinyl palmitate, tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glyceryl caprylate",
    "Phase": "d",
    "%w/w": 0.3,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "aqua, sodium levulinate, sodium benzoate",
    "Phase": "d",
    "%w/w": 2.0,
    "Function": "preservative",
    "Supplier": "-"
  }
}

```



```

],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 4
}
},
{
  "pH": "6.5-7.5",
  "Viscosity (cps)": "15000-20000",
  "Appearance": "yogurt-like texture",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 78.799,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "strawberry, kiwi, & apple tea concentrate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium hyaluronate",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "tetrasodium glutamate diacetate",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "olive oil peg-8 esters",
      "Phase": "b",
      "%w/w": 1.5,

```

```

    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "cocos nucifera (coconut) oil",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "carthamus tinctorius (safflower) seed oil",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "caprylic/capric triglyceride",
    "Phase": "b",
    "%w/w": 3.5,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "rosa canina (rose hip) seed oil",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopheryl acetate",
    "Phase": "b",
    "%w/w": 0.5,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "acrylates/vinyl crosspolymer, peg-6",
    "Phase": "c",
    "%w/w": 4.0,
    "Function": "film-former",
    "Supplier": "-"
  },
  {
    "Ingredient": "phenoxyethanol, ethylhexylglycerin, didecylmonium chloride",
    "Phase": "d",
    "%w/w": 0.6,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "xanthan gum, coccoloba uvifera fruit extract, lactic acid, glycolic acid, polyvinyl alcohol, acetyl cyclohexapeptide-34,

```

dextran",

"Phase": "d",
"%w/w": 0.001,
"Function": "soothing agent",
"Supplier": "-"

},

{

"Ingredient": "30% sodium hydroxide",
"Phase": "d",
"%w/w": 0.0,
"Function": "buffer",
"Supplier": "-"

}

],

"Additional Properties": {

"absorption time": 4,
"Advance delivery system": 2,
"Matte-Finish and Oil control": 2,
"Long lasting hydration": 4,
"Spreadability": 2,
"Ease of formulating": 5

}

},

{

"pH": "5.0-5.5",
"Viscosity (cps)": 30000.0,
"Appearance": "white emulsion",
"Ingredients": [

{

"Ingredient": "polyglyceryl-4 diisostearate/polyhydroxystearate/ sebacate, caprylic/capric triglyceride, polyglyceryl-3 oleate, diisostearoyl

polyglyceryl-3 dimer dilinoleate",

"Phase": "a",
"%w/w": 4.0,
"Function": "emulsifier",
"Supplier": "-"

},

{

"Ingredient": "decyl cocoate",
"Phase": "a",
"%w/w": 6.0,
"Function": "emollient",
"Supplier": "-"

},

{

"Ingredient": "isopropyl myristate",
"Phase": "a",
"%w/w": 6.0,
"Function": "emollient",
"Supplier": "-"

},

{

"Ingredient": "prunus amygdalus dulcis (sweet almond) oil",
"Phase": "a",
"%w/w": 6.0,

```

    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "beeswax",
    "Phase": "a",
    "%w/w": 0.8,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "hydrogenated castor oil",
    "Phase": "a",
    "%w/w": 0.6,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "glyceryl caprate",
    "Phase": "a",
    "%w/w": 0.5,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 71.6,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "zinc sulfate heptahydrate",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "anti-microbial agent",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 2,
  "Spreadability": 3,
  "Ease of formulating": 4
}

```

```

},
{
  "pH": 8.2,
  "Viscosity (cps)": 85800.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "cetearyl olivate (and) sorbitan olivate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "helianthus annuus (sunflower) seed oil",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "olea europaea (olive) fruit oil",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "tocopherols (and) helianthus annuus (sunflower) seed oil",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "antioxidant",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylyl glycol",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexylglycerin",
      "Phase": "a",
      "%w/w": 0.05,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "cocos nucifera (coconut) oil (and) olea europaea (olive) fruit oil (and) rhus succedanea fruit wax (and) helianthus annuus (sunflower) seed wax",
      "Phase": "a",
      "%w/w": 10.0,
      "Function": "emollient",

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```

    "Supplier": "- "
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 69.9,
    "Function": "solvent",
    "Supplier": "- "
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "b",
    "%w/w": 1.2,
    "Function": "gelling agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "pentylene glycol",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 8.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "hectorite",
    "Phase": "b",
    "%w/w": 0.5,
    "Function": "stabilizer",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 4,
  "Spreadability": 5,
  "Ease of formulating": 3
}
},
{
  "pH": "6.5-7.5",
  "Viscosity (cps)": "10000-11000",
  "Appearance": "white opaque cream",
  "Ingredients": [
    {
      "Ingredient": "di water",

```

```

    "Phase": "a",
    "%w/w": 69.945,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "disodium edta",
    "Phase": "a",
    "%w/w": 0.5,
    "Function": "chelating agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "a",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "propylene glycol",
    "Phase": "a",
    "%w/w": 4.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "lactic acid/glycolic acid copolymer (and) polyvinyl alcohol (and) heptapeptide-15 palmitate",
    "Phase": "a",
    "%w/w": 0.002,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "acrylates/palmeth-25 acrylate copolymer",
    "Phase": "a",
    "%w/w": 2.0,
    "Function": "thickening agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "40% sodium hydroxide",
    "Phase": "a",
    "%w/w": 0.0,
    "Function": "buffer",
    "Supplier": "-"
  },
  {
    "Ingredient": "water (and) xanthan gum (and) palmitoyl (and) hexapeptide-52 (and) glycolic acid (and) lactic acid (and) polyvinyl alcohol (and) palmitoyl heptapeptide-18",
    "Phase": "a",
    "%w/w": 0.003,
    "Function": "anti-aging agent",
    "Supplier": "-"
  }

```

```
},
{
  "Ingredient": "carthamus tinctorius (safflower) seed oil",
  "Phase": "b",
  "%w/w": 4.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "b",
  "%w/w": 4.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "hydrogenated polyisobutene (and) hydrogenated polydecene",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "astrocaryum (murumuru) seed butter",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "olive oil polyglyceryl-6 esters (and) phospholipids",
  "Phase": "b",
  "%w/w": 2.5,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "olive oil polyglyceryl-6 esters (and) sodium stearyl lactylate (and) cetearyl alcohol",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "tocopheryl acetate",
  "Phase": "c",
  "%w/w": 0.05,
```



```

    "Function": "antioxidant",
    "Supplier": "- "
  },
  {
    "Ingredient": "polyamide-5",
    "Phase": "c",
    "%w/w": 1.0,
    "Function": "sensory modifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "sodium hyaluronate",
    "Phase": "c",
    "%w/w": 1.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "ethylhexylglycerin (and) hexoxyethanol",
    "Phase": "c",
    "%w/w": 1.0,
    "Function": "preservative",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 4
}
},
{
  "pH": "6.8-7.4",
  "Viscosity (cps)": "4400-10700",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 61.15,
      "Function": "solvent",
      "Supplier": "- "
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "moisturising agent",
      "Supplier": "- "
    }
  ]
}

```

```
"Ingredient": "1,3-butanediol",
"Phase": "a",
"%w/w": 4.0,
"Function": "moisturising agent",
"Supplier": "-",
},
{
  "Ingredient": "propylene glycol",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "phenoxyethanol (and) ethylhexylglycerin",
  "Phase": "a",
  "%w/w": 0.8,
  "Function": "preservative",
  "Supplier": "-",
},
{
  "Ingredient": "hydroxyethyl ethylcellulose",
  "Phase": "a",
  "%w/w": 0.15,
  "Function": "gelling agent",
  "Supplier": "-",
},
{
  "Ingredient": "glyceryl stearate (and) peg-100 stearate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-",
},
{
  "Ingredient": "persea gratissima (avocado) oil",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "isopropyl myristate",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "macadamia integrifolia seed oil",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
```

```

},
{
  "Ingredient": "dimethicone",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "helianthus annuus (sunflower) seed oil",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "carbopol 940",
  "Phase": "c",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "triethanolamine",
  "Phase": "d",
  "%w/w": 0.3,
  "Function": "buffer",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "d",
  "%w/w": 1.0,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "styrene/acrylates copolymer",
  "Phase": "e",
  "%w/w": 4.4,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "aluminum starch octenylsuccinate",
  "Phase": "f",
  "%w/w": 2.0,
  "Function": "absorbant",
  "Supplier": "-"
}
},
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 5,

```

```
"Matte-Finish and Oil control": 3,
"Long lasting hydration": 5,
"Spreadability": 5,
"Ease of formulating": 5
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 22000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-4 diisostearate/polyhydroxy-stearate/sebacate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetyl ricinoleate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "carthamus tinctorius (safflower) oil",
      "Phase": "a",
      "%w/w": 8.0,
      "Function": "emollient",
      "Supplier": "-"
    }
  ]
}
```

```

    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "a",
    "%w/w": 0.2,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "helianthus annuus (sunflower) seed wax, olea europaea (olive) oil, rhus verniciflua peel wax, shorea robusta resin",
    "Phase": "a",
    "%w/w": 1.5,
    "Function": "thickening agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "bis-diglyceryl polyacyladipate-2",
    "Phase": "a",
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 65.8,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 5.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "magnesium sulfate heptahydrate",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "stabilizing agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
    "Phase": "b",
    "%w/w": 1.0,
    "Function": "preservative",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 2,

```

```
"Spreadability": 3,
"Ease of formulating": 5
},
{
  "pH": 6.5,
  "Viscosity (cps)": "50000-90000",
  "Appearance": "white cream ",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 65.7,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "ci 42051",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "colorant",
      "Supplier": "-"
    },
    {
      "Ingredient": "methylpropanediol, caprylyl glycol, phenylpropanol",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "anti-microbial agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "trisodium citrate dihydrate",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium hyaluronate",
      "Phase": "a",
```

```
"%w/w": 0.2,
"Function": "moisturising agent",
"Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "hydroxyethylcellulose",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl oleate citrate",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "diethylhexyl carbonate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
```

```
    "Ingredient": "stearyl heptanoate",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "squalane",
    "Phase": "c",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "c",
    "%w/w": 0.2,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "water/aqua, pentylene glycol, lecithin, alcohol, retinol, polysorbate 20, potassium phosphate, tocopherol, ascorbyl palmitate,
bht, bha",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "d",
    "%w/w": 0.3,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 2,
  "Spreadability": 2,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 450000.0,
  "Appearance": "white rich cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 71.0,
```



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"Function": "solvent",
"Supplier": "- "
},
{
  "Ingredient": "stearic acid",
  "Phase": "a",
  "%w/w": 10.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "a",
  "%w/w": 7.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "sodium polyacrylate",
  "Phase": "a",
  "%w/w": 0.4,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "10% sodium hydroxide",
  "Phase": "b",
  "%w/w": 0.6,
  "Function": "buffer",
  "Supplier": "- "
},
{
  "Ingredient": "bis-peg/ppg-20/5 peg/ppg-20/5 dimethicone, methoxy peg/ppg-25/4 dimethicone, caprylic/capric triglyceride",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "stearyl heptanoate",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "diethylhexyl carbonate",
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"Phase": "c",
"%w/w": 2.0,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "dimethicone",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol, caprylyl glycol",
  "Phase": "d",
  "%w/w": 1.0,
  "Function": "preservative",
  "Supplier": "- "
}
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 3
}
},
{
  "pH": 5.5,
  "Viscosity (cps)": 16000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 61.9,
      "Function": "solvent",
      "Supplier": "- "
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "moisturising agent",
      "Supplier": "- "
    },
    {
      "Ingredient": "sodium citrate",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "buffer",
      "Supplier": "- "
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},
{
  "Ingredient": "sodium phytate, aqua, alcohol",
  "Phase": "a",
  "%w/w": 0.1,
  "Function": "chelating agent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium hyaluronate",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "hydroxyethylcellulose",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "polyglyceryl-3 distearate",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",
  "Phase": "c",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "c",
  "%w/w": 1.0,
```

```

    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "glyceryl stearate",
    "Phase": "c",
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "decyl cocoate",
    "Phase": "c",
    "%w/w": 7.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "isoamyl laurate",
    "Phase": "c",
    "%w/w": 6.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "stearyl heptanoate",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "squalene",
    "Phase": "c",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "c",
    "%w/w": 0.3,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin, aqua, lecithin, tocopheryl acetate, 3-o-ethyl ascorbic acid, retinyl palmitate, tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {

```

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"Ingredient": "glyceryl caprylate",
"Phase": "d",
"%w/w": 0.3,
"Function": "preservative",
"Supplier": "-"
},
{
  "Ingredient": "glycerin, aqua, sodium levulinate, plu2013anistic acid, sodium hydroxide",
  "Phase": "d",
  "%w/w": 4.0,
  "Function": "moisturising agent",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 5,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 13000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "thickening agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "lauryl oleate",
      "Phase": "a",
      "%w/w": 6.0,
      "Function": "emollient",
```

```
"Supplier": "-"  
},  
{  
  "Ingredient": "decyl cocoate",  
  "Phase": "a",  
  "%w/w": 6.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "oleyl erucate",  
  "Phase": "a",  
  "%w/w": 3.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cetyl ricinoleate",  
  "Phase": "a",  
  "%w/w": 2.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "myristyl myristate",  
  "Phase": "a",  
  "%w/w": 1.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "di water",  
  "Phase": "b",  
  "%w/w": 68.2,  
  "Function": "solvent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "xanthan gum",  
  "Phase": "b",  
  "%w/w": 0.3,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cellulose",  
  "Phase": "b",
```

```
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
    "Phase": "c",
    "%w/w": 1.5,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "aqua, ethylhexyl stearate, sodium hyaluronate crosspolymer, polyglyceryl-4 diisostearate/polyhydroxystearate/sebacate,
sodium isostearate",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "anti-aging agent",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": "6.0-7.0",
  "Viscosity (cps)": 40000.0,
  "Appearance": "white bright cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 62.86,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 10.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "phenoxyethanol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "preservative",
      "Supplier": "-"
    }
  ]
}
```

```

    },
    {
        "Ingredient": "cetearyl alcohol, glyceryl stearate, jojoba esters, helianthus annuus (sunflower) seed wax, sodium stearyl glutamate, water, polyglycerin-3",
        "Phase": "b",
        "%w/w": 6.0,
        "Function": "emulsifier",
        "Supplier": "-"
    },
    {
        "Ingredient": "caprylic/capric triglyceride",
        "Phase": "b",
        "%w/w": 15.0,
        "Function": "emollient",
        "Supplier": "-"
    },
    {
        "Ingredient": "cetearyl alcohol",
        "Phase": "b",
        "%w/w": 5.0,
        "Function": "emulsifier",
        "Supplier": "-"
    },
    {
        "Ingredient": "10% citric acid",
        "Phase": "c",
        "%w/w": 0.14,
        "Function": "buffer",
        "Supplier": "-"
    }
},
"Additional Properties": {
    "absorption time": 4,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 3,
    "Long lasting hydration": 4,
    "Spreadability": 3,
    "Ease of formulating": 4
}
},
{
    "pH": "5.0-6.0",
    "Viscosity (cps)": 34000.0,
    "Appearance": "white cream",
    "Ingredients": [
        {
            "Ingredient": "cetyl peg/ppg-10/1 dimethicone",
            "Phase": "a",
            "%w/w": 2.0,
            "Function": "emulsifier",
            "Supplier": "-"
        },
        {
            "Ingredient": "mineral oil",

```



```
"Phase": "a",
"%w/w": 17.0,
"Function": "eemollient",
"Supplier": "- "
},
{
  "Ingredient": "hydrogenated castor oil",
  "Phase": "a",
  "%w/w": 0.4,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "microcristalline wax",
  "Phase": "a",
  "%w/w": 0.6,
  "Function": "occlusive agent",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 58.8,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "sodium chloride",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "stabilizer",
  "Supplier": "- "
},
{
  "Ingredient": "urea",
  "Phase": "c",
  "%w/w": 10.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "c",
  "%w/w": 10.0,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol, ethylhexylglycerin",
  "Phase": "d",
  "%w/w": 0.7,
  "Function": "preservative",
  "Supplier": "- "
}
```

```
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 4,
  "Spreadability": 4,
  "Ease of formulating": 5
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "25000-30000",
  "Appearance": "thick white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 86.9,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglycerin-10",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "acrylates/c10-30 alkyl acrylate crosspolymer",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexyl palmitate",
      "Phase": "b",
      "%w/w": 1.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-10 stearate",
      "Phase": "b",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "b",
      "%w/w": 1.5,
```

```

    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "isononyl isononanoate",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "hydroxyethyl acrylate, sodium acryloyldimethyl taurate copolymer",
    "Phase": "c",
    "%w/w": 1.8,
    "Function": "thickening agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "aqua, glycerin, aphanothece sacrum polysaccharides, galactoarabinan",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "phenoxyethanol, caprylyl glycol, chlorphenesin",
    "Phase": "e",
    "%w/w": 1.0,
    "Function": "preservative",
    "Supplier": "- "
  },
  {
    "Ingredient": "sandalwood citrus fragrance",
    "Phase": "f",
    "%w/w": 0.1,
    "Function": "odorant",
    "Supplier": "- "
  },
  {
    "Ingredient": "10% sodium hydroxide",
    "Phase": "g",
    "%w/w": 0.0,
    "Function": "buffer",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 2
}

```

```
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 50000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-4 diisostearate/polyhydroxy-stearate/sebacate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "a",
      "%w/w": 5.5,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexyl palmitate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "hydrogenated castor oil",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "microcristalline wax",
      "Phase": "a",
      "%w/w": 0.3,
      "Function": "occlusive agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "di water",
      "Phase": "b",
      "%w/w": 76.3,
      "Function": "solvent",
      "Supplier": "-"
    }
  ]
}
```

```

    },
    {
      "Ingredient": "magnesium sulfate heptahydrate",
      "Phase": "b",
      "%w/w": 1.5,
      "Function": "soothing agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "b",
      "%w/w": 3.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "panthenol",
      "Phase": "b",
      "%w/w": 0.5,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "benzyl alcohol, ethylhexylglycerin, tocopherol",
      "Phase": "c",
      "%w/w": 0.7,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "fragrance",
      "Phase": "d",
      "%w/w": "q.s.",
      "Function": "odorant",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 3,
    "Advance delivery system": 5,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 4,
    "Spreadability": 4,
    "Ease of formulating": 5
  }
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": 22000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 dicitrate/stearate",
      "Phase": "a",

```

```
"%w/w": 2.5,
"Function": "emulsifier",
"Supplier": "- "
},
{
  "Ingredient": "isoamyl cocoate",
  "Phase": "a",
  "%w/w": 7.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "a",
  "%w/w": 5.5,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",
  "Phase": "a",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 75.5,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "c",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "10% sodium hydroxide",
  "Phase": "d",
  "%w/w": 0.2,
  "Function": "buffer",
  "Supplier": "- "
},
{
```

```

      "Ingredient": "benzyl alcohol (and) glycerin (and) benzoic acid (and) sorbic acid",
      "Phase": "e",
      "%w/w": 0.8,
      "Function": "preservative",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 4,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 2,
    "Long lasting hydration": 4,
    "Spreadability": 2,
    "Ease of formulating": 5
  }
},
{
  "pH": 5.5,
  "Viscosity (cps)": 50000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 63.5,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium citrate",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "buffer",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium hyaluronate",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "moisturising agent",

```

```
"Supplier": "-"  
},  
{  
  "Ingredient": "xanthan gum",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydroxyethylcellulose",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "polyglyceryl-3 distearate",  
  "Phase": "c",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",  
  "Phase": "c",  
  "%w/w": 2.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cetearyl alcohol",  
  "Phase": "c",  
  "%w/w": 1.0,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glyceryl stearate",  
  "Phase": "c",  
  "%w/w": 1.0,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "decyl cocoate",  
  "Phase": "c",
```



```
"%w/w": 7.0,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "stearyl heptanoate",
  "Phase": "c",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "squalene",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "c",
  "%w/w": 0.3,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin, aqua, lecithin, tocopheryl acetate, 3-o-ethyl ascorbic acid, retinyl palmitate, tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",
  "Phase": "d",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "heptylglycerin",
  "Phase": "d",
  "%w/w": 0.2,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "aqua, sodium levulinate, sodium benzoate",
  "Phase": "d",
  "%w/w": 2.5,
  "Function": "preservative",
  "Supplier": "- "
}
```

```

],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 4,
  "Spreadability": 5,
  "Ease of formulating": 4
}
},
{
  "pH": 5.49,
  "Viscosity (cps)": 30000.0,
  "Appearance": "white matte cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 69.25,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "carbopol ultrez10",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "allantoin",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "panthenol",
      "Phase": "a",
      "%w/w": 0.5,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "aloe barbadensis leaf juice",
      "Phase": "a",
      "%w/w": 1.0,

```

```
"Function": "moisturising agent",
"Supplier": "- "
},
{
  "Ingredient": "butylene glycol",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "trimethylpropane tricaprylate / tricaprates",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "dipentaerythrityl hexa c5-9 acid esters",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol (and) ceteareth-20",
  "Phase": "b",
  "%w/w": 6.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "stearic acid",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "dimethicone",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "cyclopentasiloxane",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "sensory modifier",
  "Supplier": "- "
},
{
  "Ingredient": "distarch phosphate",
```

```

    "Phase": "c",
    "%w/w": 2.0,
    "Function": "sensory modifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopheryl acetate",
    "Phase": "c",
    "%w/w": 0.5,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "25% sodium hydroxide",
    "Phase": "c",
    "%w/w": 0.15,
    "Function": "buffer",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "c",
    "%w/w": 0.5,
    "Function": "odorant",
    "Supplier": "-"
  },
  {
    "Ingredient": "caprylhydroxamic acid (and) caprylyl glycol (and) glycerin",
    "Phase": "c",
    "%w/w": 0.8,
    "Function": "preservative",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 2,
  "Spreadability": 5,
  "Ease of formulating": 2
}
},
{
  "pH": "6.9-7.4",
  "Viscosity (cps)": "10000-16000",
  "Appearance": "pink yogurt-like lotion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 73.65,
      "Function": "solvent",
      "Supplier": "-"
    }
  ]
}

```

```
},
{
  "Ingredient": "phenoxyethanol",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "butylene glycol, 1,3-butanediol",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "isopropyl isostearate",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "neopentyl glycol diethylhexanoate",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "dimethicone",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "stearic acid",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "peg-20 methyl glucose sesquistearate",
  "Phase": "b",
  "%w/w": 0.2,
```

```
"Function": "emulsifier",
"Supplier": "- "
},
{
  "Ingredient": "methyl glucose sesquistearate",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "acrylates/beheneth-25 methacrylate copolymer",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "thickening agent",
  "Supplier": "- "
},
{
  "Ingredient": "18% sodium hydroxide",
  "Phase": "d",
  "%w/w": 0.35,
  "Function": "buffer",
  "Supplier": "- "
},
{
  "Ingredient": "ci 17200",
  "Phase": "d",
  "%w/w": 0.15,
  "Function": "colorant",
  "Supplier": "- "
},
{
  "Ingredient": "framboise 832554",
  "Phase": "d",
  "%w/w": 0.25,
  "Function": "odorant",
  "Supplier": "- "
},
{
  "Ingredient": "peg-90m",
  "Phase": "d",
  "%w/w": 3.0,
  "Function": "thickening agent",
  "Supplier": "- "
},
{
  "Ingredient": "butylene glycol (and) aqua (and) plankton extract",
  "Phase": "d",
  "%w/w": 2.0,
  "Function": "anti-aging agent",
  "Supplier": "- "
},
{
  "Ingredient": "aqua (and) acetyl tetrapeptide-2 (and) caprylyl glycol",
```

```

    "Phase": "d",
    "%w/w": 2.0,
    "Function": "anti-aging agent",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 3,
  "Spreadability": 4,
  "Ease of formulating": 4
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": "3000-4000",
  "Appearance": "opaque white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 64.13,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "acrylates/c10-30 alkyl acrylate crosspolymer",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "phenoxyethanol (and) ethylhexylglycerin",
      "Phase": "a",
      "%w/w": 0.43,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "isopropyl isostearate",
      "Phase": "b",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "-"
    }
  ]
}

```

```

},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "b",
  "%w/w": 7.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cyclopentasiloxane",
  "Phase": "b",
  "%w/w": 4.5,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",
  "Phase": "b",
  "%w/w": 4.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "behenyl alcohol",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "methyl glucose sesquistearate",
  "Phase": "b",
  "%w/w": 0.34,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "tocopheryl acetate",
  "Phase": "b",
  "%w/w": 0.15,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "water (and) glycerin (and) calcium pantothenate (and) xanthan gum (and) urea (and) caprylyl glycol (and) glucose (and) magnesium lactate (and) potassium chloride (and) potassium lactate (and) magnesium chloride (and) sodium citrate (and) citric acid (and) ethylhexylglycerin",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin (and) water (and) calendula officinalis",

```



```
"Phase": "c",
"%w/w": 1.0,
"Function": "moisturising agent",
"Supplier": "- "
},
{
  "Ingredient": "fragrance allergen free aloe vera",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "odorant",
  "Supplier": "- "
},
{
  "Ingredient": "20% sodium hydroxide",
  "Phase": "c",
  "%w/w": 0.2,
  "Function": "buffer",
  "Supplier": "- "
}
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 4,
  "Spreadability": 5,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "10000-12000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 dicitrate/stearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "- "
```

```
},
{
  "Ingredient": "diethylhexyl carbonate",
  "Phase": "a",
  "%w/w": 9.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "ethylhexyl stearate",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "persea gratissima (avocado) oil",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "salicyloyl phytosphingosine",
  "Phase": "a",
  "%w/w": 0.1,
  "Function": "anti-aging agent",
  "Supplier": "-"
},
{
  "Ingredient": "ceramide np",
  "Phase": "a",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "hydroxybutyroyl phytosphingosine",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "anti-aging agent",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 71.0,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.2,
```

```

    "Function": "gelling agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "preservative",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 2,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 25000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "- "
    }
  ]
}

```

```
"Ingredient": "diethylhexyl carbonate",
"Phase": "a",
"%w/w": 5.0,
"Function": "emollient",
"Supplier": "-
",
{
  "Ingredient": "ethylhexyl stearate",
  "Phase": "a",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-
",
},
{
  "Ingredient": "decyl cocoate",
  "Phase": "a",
  "%w/w": 4.0,
  "Function": "emollient",
  "Supplier": "-
",
},
{
  "Ingredient": "myristyl myristate",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-
",
},
{
  "Ingredient": "ceramide np",
  "Phase": "a",
  "%w/w": 0.05,
  "Function": "moisturising agent",
  "Supplier": "-
",
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 72.95,
  "Function": "solvent",
  "Supplier": "-
",
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-
",
},
{
  "Ingredient": "creatine",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "moisturising agent",
  "Supplier": "-
"
```

```

    },
    {
      "Ingredient": "cellulose",
      "Phase": "c",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "phenethyl alcohol",
      "Phase": "d",
      "%w/w": 1.0,
      "Function": "odorant",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 2,
    "Advance delivery system": 3,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 5,
    "Spreadability": 5,
    "Ease of formulating": 5
  }
},
{
  "pH": "6.5-7.0",
  "Viscosity (cps)": "3000-4500",
  "Appearance": "white fluid emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 90.35,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "cafein",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "blood-stimulator",
      "Supplier": "-"
    }
  ],
  {
    "Ingredient": "disodium edta",
    "Phase": "a",

```

```

    "%w/w": 0.1,
    "Function": "chelating agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "cetearyl olivate, sorbitan olivate",
    "Phase": "\u003a\u003a\u003a\u003ab",
    "%w/w": 3.0,
    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "camellia oleifera seed oil",
    "Phase": "\u003a\u003a\u003a\u003ab",
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "lecithin, tocopherol, ascorbyl palmitate, citric acid",
    "Phase": "\u003a\u003a\u003a\u003ab",
    "%w/w": 0.05,
    "Function": "antioxidant",
    "Supplier": "- "
  },
  {
    "Ingredient": "phenoxyethanol",
    "Phase": "c",
    "%w/w": 0.4,
    "Function": "preservative",
    "Supplier": "- "
  },
  {
    "Ingredient": "olea europaea (olive) leaf extract, water",
    "Phase": "c",
    "%w/w": 0.1,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "10% sodium hydroxide",
    "Phase": "d",
    "%w/w": 0.0,
    "Function": "buffer",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 5,
  "Spreadability": 2,
  "Ease of formulating": 2
}

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}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "20000-40000",
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 71.35,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "hydroxyethylcellulose",
      "Phase": "b",
      "%w/w": 0.3,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-6 stearate (and) polyglyceryl-6 behenate",
      "Phase": "c",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "c",
      "%w/w": 6.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "squalane",
      "Phase": "c",
      "%w/w": 6.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "helianthus annuus seed oil",
      "Phase": "c",
      "%w/w": 5.0,
      "Function": "emollient",
```

```

    "Supplier": "- "
  },
  {
    "Ingredient": "cetearyl alcohol",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "c",
    "%w/w": 0.15,
    "Function": "antioxidant",
    "Supplier": "- "
  },
  {
    "Ingredient": "undecylenamidopropyltrimonium methosulfate, aqua, propylene glycol",
    "Phase": "d",
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "ci 42051",
    "Phase": "d",
    "%w/w": 0.2,
    "Function": "colorant",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 50000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "distearyldimonium chloride",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "moisturising agent",
      "Supplier": "- "
    },
    {
      "Ingredient": "glyceryl stearate",

```



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"Phase": "a",
"%w/w": 2.5,
"Function": "emulsifier",
"Supplier": "- "
},
{
  "Ingredient": "stearyl alcohol",
  "Phase": "a",
  "%w/w": 1.5,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "diethylhexyl carbonate",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "isopropyl palmitate",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 66.2,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "creatine",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "hydrolyzed hyaluronic acid",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "- "
},
}
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{
  "Ingredient": "ceramide np, ceramide ns, ceramide eos, ceramide eop, ceramide ap, caprooylphytosphingosine, caprooyl sphingosine,
behenic acid, cholesterol, ceteareth-25, glycerin, cetylalcohol, phenoxyethanol, ethylhexylglycerin, tocopherol, ascorbyl palmitate, lecithin,
glycerylstearate, glyceryl oleate, citric acid, aqua",
  "Phase": "b",
  "%w/w": 1.5,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "betaine",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "cyanidium caldarium extract",
  "Phase": "d",
  "%w/w": 2.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "benzyl alcohol, ethylhexylglycerin, tocopherol",
  "Phase": "d",
  "%w/w": 0.7,
  "Function": "preservative",
  "Supplier": "-"
}
},
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 2,
  "Ease of formulating": 5
}
},
{
  "pH": "5.5-6.0",
  "Viscosity (cps)": 45000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate",

```

```
"Phase": "a",
"%w/w": 3.0,
"Function": "moisturising agent",
"Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "a",
  "%w/w": 1.8,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl stearate",
  "Phase": "a",
  "%w/w": 1.8,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "decyl cocoate",
  "Phase": "a",
  "%w/w": 6.0,
  "Function": "sensory modifier",
  "Supplier": "- "
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "a",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "helianthus annuus (sunflower) seed oil",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "myristyl myristate",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "- "
},
}
```

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{
  "Ingredient": "stearyl heptanoate",
  "Phase": "a",
  "%w/w": 1.5,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "heptylglycerin",
  "Phase": "a",
  "%w/w": 0.3,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 61.7,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "trisodium citrate dihydrate",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "chelating agent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium phytate, aqua, alcohol",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "chelating agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
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"Supplier": "-"  
},  
{  
  "Ingredient": "xanthan gum",  
  "Phase": "b",  
  "%w/w": 0.4,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydroxyethylcellulose",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "aqua, glycerin, 3-o-ethyl ascorbic acid, lecithin, lonicera caprifolium flower extract, lonicera japonica flower extract,  
tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",  
  "Phase": "c",  
  "%w/w": 5.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "aqua, sodium levulinate, potassium sorbate",  
  "Phase": "c",  
  "%w/w": 2.0,  
  "Function": "preservative",  
  "Supplier": "-"  
}  
],  
"Additional Properties": {  
  "absorption time": 4,  
  "Advance delivery system": 4,  
  "Matte-Finish and Oil control": 2,  
  "Long lasting hydration": 5,  
  "Spreadability": 5,  
  "Ease of formulating": 2  
}  
},  
{  
  "pH": "5.0-5.5",  
  "Viscosity (cps)": 11000.0,  
  "Appearance": "white emulsion",  
  "Ingredients": [  
    {  
      "Ingredient": "glyceryl oleate citrate",  
      "Phase": "a",  
      "%w/w": 3.0,  
      "Function": "emulsifier",  
      "Supplier": "-"  
    },  
    {
```

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"Ingredient": "decyl cocoate",
"Phase": "a",
"%w/w": 4.5,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "lauryl oleate",
  "Phase": "a",
  "%w/w": 4.5,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "sclerotium gum (and) xanthan gum",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "c",
  "%w/w": 80.55,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "trisodium citrate dihydrate(sodium citrate)",
  "Phase": "c",
  "%w/w": 0.15,
  "Function": "buffer",
  "Supplier": "- "
},
{
  "Ingredient": "sodium phytate, aqua, alcohol",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "chelating agent",
  "Supplier": "- "
},
{
  "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
  "Phase": "d",
  "%w/w": 1.2,
  "Function": "buffer",
  "Supplier": "- "
```

```

    }
  ],
  "Additional Properties": {
    "absorption time": 5,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 3,
    "Long lasting hydration": 5,
    "Spreadability": 2,
    "Ease of formulating": 5
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "9000-14000",
  "Appearance": "cotton cream ",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 60.55,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "xanthan gum fedcs-pc(xanthan gum)",
      "Phase": "a",
      "%w/w": 0.35,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-6 stearate (and) polyglyceryl-6 behenate",
      "Phase": "b",
      "%w/w": 5.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "oenothera bie oil",
      "Phase": "b",

```

```
    "%w/w": 2.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "carthamus tinctorius seed oil",
    "Phase": "b",
    "%w/w": 6.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "decyl cocoate",
    "Phase": "b",
    "%w/w": 6.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "cellulose",
    "Phase": "b",
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "cetearyl alcohol",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "polyglyceryl-10 laurate, sodium caproyl/lauroyl lactylate, glycerin, serenoa serrulata fruit extract, juniperus communis fruit extract",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "b",
    "%w/w": 0.3,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "glyceryl caprylate",
    "Phase": "b",
    "%w/w": 0.3,
    "Function": "preservative",
    "Supplier": "-"
  },
}
```



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{
  "Ingredient": "cl 77499",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "cl 77491",
  "Phase": "c",
  "%w/w": 0.2,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "cl 77492",
  "Phase": "c",
  "%w/w": 0.6,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "titanium dioxide",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin, aqua, sodium levulinate, plu2013anisic acid, sodium hydroxide",
  "Phase": "d",
  "%w/w": 3.5,
  "Function": "moisturising agent",
  "Supplier": "-"
}
},
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 2,
  "Spreadability": 5,
  "Ease of formulating": 5
}
},
{
  "pH": 5.76,
  "Viscosity (cps)": 26600.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 42.46,

```

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"Function": "solvent",
"Supplier": "- "
},
{
  "Ingredient": "sodium gluconate",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "chelating agent",
  "Supplier": "- "
},
{
  "Ingredient": "potato starch modified",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "stabilizer",
  "Supplier": "- "
},
{
  "Ingredient": "propanediol",
  "Phase": "a",
  "%w/w": 30.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "caprylyl glycol",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "polyglyceryl-3 methylglucose distearate",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl stearate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "stearyl alcohol",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "ethylhexyl stearate",
```

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"Phase": "b",
"%w/w": 7.0,
"Function": "emollient",
"Supplier": "-",
},
{
  "Ingredient": "cetearyl isononanoate",
  "Phase": "b",
  "%w/w": 7.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "argania spinosa kernel oil",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "dimethicone",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "potassium cetyl phosphate",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "emulsifier",
  "Supplier": "-",
},
{
  "Ingredient": "panthenol",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "cyanocobalamin",
  "Phase": "c",
  "%w/w": 0.01,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "perfume sail away 49454695",
  "Phase": "c",
  "%w/w": 0.5,
  "Function": "odorant",
  "Supplier": "-",
},
```

```

{
  "Ingredient": "10% citric acid",
  "Phase": "d",
  "%w/w": 0.13,
  "Function": "buffer",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 430000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "cetyl peg/ppg-10/1 dimethicone",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 6.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetyl ricinoleate",
      "Phase": "a",
      "%w/w": 2.0,

```

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"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "poly c10-30 alkyl acrylate",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "skin-barrier booster",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl caprylate",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 72.0,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "tetrapeptide-63 acetate, glycerin, aqua",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "anti-aging agent",
  "Supplier": "- "
},
{
  "Ingredient": "creatine",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "zinc sulfate heptahydrate",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "anti-microbial agent",
  "Supplier": "- "
}
},
"Additional Properties": {
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    "absorption time": 2,
    "Advance delivery system": 3,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 3,
    "Spreadability": 3,
    "Ease of formulating": 2
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 37000.0,
  "Appearance": "w/o soft cream, no greasy residues, fast absorbing",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-4 diisostearate/polyhydroxy-stearate/sebacate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 14.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "euphorbia cerifera (candelilla) wax",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 69.2,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    }
  ]
}

```

```

    },
    {
      "Ingredient": "magnesium sulfate heptahydrate",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "thickening agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
      "Phase": "a",
      "%w/w": 0.8,
      "Function": "preservative",
      "Supplier": "-"
    }
  ],
  "Additional Properties": {
    "absorption time": 2,
    "Advance delivery system": 4,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 2,
    "Spreadability": 2,
    "Ease of formulating": 3
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 12000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "stearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    }
  ],
  {
    "Ingredient": "helianthus annuus (sunflower) seed oil",
    "Phase": "a",

```

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"%w/w": 15.0,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "tocopheryl acetate",
  "Phase": "a",
  "%w/w": 0.1,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 72.0,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "carrageenan",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "sodium levulinate, sodium anisate, glycerin, aqua",
  "Phase": "c",
  "%w/w": 3.5,
  "Function": "anti-microbial agent",
  "Supplier": "- "
}
},
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 4,
  "Ease of formulating": 4
}

```



```
}  
},  
{  
  "pH": "5.0-6.0",  
  "Viscosity (cps)": 40000.0,  
  "Appearance": "white cream",  
  "Ingredients": [  
    {  
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",  
      "Phase": "a",  
      "%w/w": 5.0,  
      "Function": "emulsifier",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "decyl cocoate",  
      "Phase": "a",  
      "%w/w": 7.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "oleyl erucate",  
      "Phase": "a",  
      "%w/w": 3.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "myristyl myristate",  
      "Phase": "a",  
      "%w/w": 2.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",  
      "Phase": "a",  
      "%w/w": 3.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "tocopheryl acetate",  
      "Phase": "a",  
      "%w/w": 0.5,  
      "Function": "antioxidant",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "di water",  
      "Phase": "b",  
      "%w/w": 75.5,  
      "Function": "solvevnt",
```

```

    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "phenethyl alcohol",
    "Phase": "c",
    "%w/w": 1.0,
    "Function": "odorant",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 4,
  "Ease of formulating": 2
}
},
{
  "pH": 5.0,
  "Viscosity (cps)": 50000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 63.25,
      "Function": "solvent",
      "Supplier": "- "
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "- "
    },
    {
      "Ingredient": "sodium citrate",
      "Phase": "a",
      "%w/w": 0.15,
      "Function": "buffer",
      "Supplier": "- "
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",

```

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"Phase": "a",
"%w/w": 0.2,
"Function": "chelating agent",
"Supplier": "- "
},
{
  "Ingredient": "tremella fuciformis sporocarp extract",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "a1",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "hydroxyethylcellulose",
  "Phase": "a1",
  "%w/w": 2.0,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl oleate citrate",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "hydrogenated palm oil, hydrogenated rapeseed oil",
  "Phase": "b",
  "%w/w": 1.5,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "heptylglycerin",
  "Phase": "b",
  "%w/w": 0.3,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "b",
  "%w/w": 1.5,
  "Function": "emulsifier",
  "Supplier": "- "
},
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{
  "Ingredient": "decyl cocoate",
  "Phase": "b",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "b",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "stearyl heptanoate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "simmondsia chinensis (jojoba) seed oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "aloe vera oil, tocopheryl acetate, glycine soja (soybean) oil, aloe barbadensis leaf juice powder",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "amaranthus caudatus seed extract",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin, aqua, lecithin, tocopheryl acetate, 3-o-ethyl ascorbic acid, retinyl palmitate, tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",
  "Phase": "c",
  "%w/w": 3.0,

```

```
"Function": "moisturising agent",
"Supplier": "- "
},
{
  "Ingredient": "aqua, sodium levulinate, sodium benzoate",
  "Phase": "c",
  "%w/w": 2.5,
  "Function": "preservative",
  "Supplier": "- "
}
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 4
}
},
{
  "pH": 6.0,
  "Viscosity (cps)": 49000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-10 stearate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "hydrogenated vegetable glycerides",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "cocoglycerides",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "- "
    }
  ]
}
```

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"Ingredient": "butyrospermum parkii butter",
"Phase": "a",
"%w/w": 0.5,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol, lecithin, sodium cetearyl sulfate, olus oil [eu], cetearyl alcohol, lecithin, sodium cetearyl sulfate, vegetable
oil",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin ",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 84.7,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "carbomer",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "10% sodium hydroxide",
  "Phase": "b",
  "%w/w": 0.4,
  "Function": "buffer",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol (and) ethylhexylglycerin",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "preservative",
  "Supplier": "- "
}
},
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 2,
```

```

    "Long lasting hydration": 4,
    "Spreadability": 5,
    "Ease of formulating": 3
  }
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 25000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 0.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 0.2,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexyl palmitate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "carthamus tinctorius seed oil",

```

```
"Phase": "a",
"%w/w": 3.0,
"Function": "emollient",
"Supplier": "-",
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 75.9,
  "Function": "solvent",
  "Supplier": "-",
},
{
  "Ingredient": "gellan gum",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "gelling agent",
  "Supplier": "-",
},
{
  "Ingredient": "tetrapeptide-21, glycerin, butylene glycol, water",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "anti-aging agent",
  "Supplier": "-",
},
{
  "Ingredient": "glycerin",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "xanthan gum",
  "Phase": "c",
  "%w/w": 0.3,
  "Function": "gelling agent",
  "Supplier": "-",
},
{
  "Ingredient": "di water",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "solvent",
  "Supplier": "-",
},
{
  "Ingredient": "phenethyl alcohol",
  "Phase": "d",
  "%w/w": 1.0,
  "Function": "odorant",
  "Supplier": "-"
}
```



```

],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 5,
  "Spreadability": 5,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": 30800.0,
  "Appearance": "white cream for oily skin, non-sticky, fast absorbing",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-6 stearate (and) polyglyceryl-6 behenate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 2.75,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 2.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "myristyl myristate",
      "Phase": "a",
      "%w/w": 4.0,

```

```
    "Function": "thickening agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "cellulose",
    "Phase": "a",
    "%w/w": 1.0,
    "Function": "sensory modifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "polyglyceryl-10 laurate, sodium caproyl/lauroyl lactylate, glycerin, serenoa serrulata fruit extract, juniperus communis fruit extract",
    "Phase": "a",
    "%w/w": 0.5,
    "Function": "anti-acne agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 73.55,
    "Function": "solvent",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "distearoylisopropyl dimonium methosulfate",
    "Phase": "b",
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "phenoxyethanol, caprylyl glycol",
    "Phase": "b",
    "%w/w": 0.7,
    "Function": "preservative",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 2,
  "Spreadability": 2,
  "Ease of formulating": 3
```

```
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "10000-20000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 71.2,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "xanthan gum",
      "Phase": "a1",
      "%w/w": 0.4,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "b",
      "%w/w": 5.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "b",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "b",
      "%w/w": 1.0,
      "Function": "emulsifier",
```

```

    "Supplier": "- "
  },
  {
    "Ingredient": "jojoba oil, refined(simmondsia chinensis seed oil)",
    "Phase": "b",
    "%w/w": 5.0,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "almond oil, refined(prunus amygdalus dulcis oil)\r",
    "Phase": "b",
    "%w/w": 5.0,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "oleyl erucate",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "b",
    "%w/w": 1.2,
    "Function": "antioxidant",
    "Supplier": "- "
  },
  {
    "Ingredient": "glyceryl caprylate",
    "Phase": "b",
    "%w/w": 0.3,
    "Function": "preservative",
    "Supplier": "- "
  },
  {
    "Ingredient": "glycerin, aqua, sodium levulinate, p\u2013anisic acid, sodium hydroxide",
    "Phase": "c",
    "%w/w": 3.5,
    "Function": "anti-microbial agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "fragrance",
    "Phase": "d",
    "%w/w": 0.3,
    "Function": "odorant",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 4,

```

```
"Advance delivery system": 3,
"Matte-Finish and Oil control": 2,
"Long lasting hydration": 4,
"Spreadability": 4,
"Ease of formulating": 2
}
},
{
  "pH": 6.0,
  "Viscosity (cps)": 15000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "thickening agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 3.1,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 2.7,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexyl palmitate",
      "Phase": "a",
      "%w/w": 6.2,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 6.2,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-3 stearate/sebacate crosspolymer",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "thickening agent",
      "Supplier": "-"
    }
  ],
}
```

```
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 63.3,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.1,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.4,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "triethyl citrate, caprylyl glycol, benzoic acid",
  "Phase": "b",
  "%w/w": 1.5,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "ceramide np, ceramide ap, ceramide eop, phytosphingosine, cholesterol, sodium lauroyl lactylate, carbomer, xanthan gum,
phenoxyethanol, ethylhexylglycerin, aqua",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "water/aqua, glycerin, lecithin, dipotassium glycyrrhizate, calendula officinalis extract, lonicera caprifolium flower extract,
lonicera japonica flower extract, benzyl alcohol, benzoic acid, dehydroacetic acid",
  "Phase": "d",
  "%w/w": 4.0,
  "Function": "moisturising agent",
  "Supplier": "-"
}
},
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 3
}
},
```

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{
  "pH": 5.61,
  "Viscosity (cps)": 82600.0,
  "Appearance": "white opaque",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 65.95,
      "Function": "diluent",
      "Supplier": "-"
    },
    {
      "Ingredient": "hydroxyethylcellulose",
      "Phase": "a",
      "%w/w": 0.35,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "humectant",
      "Supplier": "-"
    },
    {
      "Ingredient": "disodium edta",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate & peg-100 stearate",
      "Phase": "b",
      "%w/w": 2.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-6 isostearate",
      "Phase": "b",
      "%w/w": 0.75,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetyl alcohol",
      "Phase": "b",
      "%w/w": 1.25,
      "Function": "emulsifier",
      "Supplier": "-"
    }
  ],
}
```

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{
  "Ingredient": "shear butter (butyrospermum parkii)",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "octyldodecyl ricinoleate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "occlusive agent",
  "Supplier": "-"
},
{
  "Ingredient": "linoleic acid (and) linolenic acid (and) tocopherol",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "c12-15 alkyl benzoate",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cyclopentasiloxane and cyclohexasiloxane",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "sensory modification, occlusive agent",
  "Supplier": "-"
},
{
  "Ingredient": "phenoxyethanol, ethylhexylglycerin",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "sodium acrylate/sodium acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80",
  "Phase": "c",
  "%w/w": 2.0,
  "Function": "gelling agent",
```



```

    "Supplier": "-",
  },
  {
    "Ingredient": "water (and) glycerin (and) gigartina stellata/kappaphycus alvarezii extract (and) corallina officinalis extract",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "grape (vitis vinifera) leaf extract",
    "Phase": "d",
    "%w/w": 3.0,
    "Function": "whitening agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "d",
    "%w/w": 0.1,
    "Function": "fragrance",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 3,
  "Spreadability": 4,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": 10000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl cocoate",

```

```
"Phase": "a",
"%w/w": 3.0,
"Function": "emollient",
"Supplier": "-",
},
{
  "Ingredient": "oleyl erucate",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "carthamus tinctorius (safflower) oil",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "a",
  "%w/w": 0.1,
  "Function": "antioxidant",
  "Supplier": "-",
},
{
  "Ingredient": "glyceryl caprylate",
  "Phase": "a",
  "%w/w": 0.3,
  "Function": "emulsifier",
  "Supplier": "-",
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 79.35,
  "Function": "solvent",
  "Supplier": "-",
},
{
  "Ingredient": "butylene glycol",
  "Phase": "b",
  "%w/w": 0.75,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "creatine",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "moisturising agent",
  "Supplier": "-",
},
```

```

{
  "Ingredient": "xanthan gum",
  "Phase": "c",
  "%w/w": 0.5,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "withania somnifera root extract, glycerin, water",
  "Phase": "d",
  "%w/w": 2.5,
  "Function": "anti-aging agent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium levulinate, sodium anisate, glycerin, aqua",
  "Phase": "d",
  "%w/w": 3.5,
  "Function": "moisturising agent",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 5
}
},
{
  "pH": 5.5,
  "Viscosity (cps)": 20000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-4 diisostearate/polyhydroxystearate/ sebacate, caprylic/capric triglyceride, polyglyceryl-3 oleate, diisostearyl
polyglyceryl-3 dimer dilinoleate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 4.5,
      "Function": "emollient",
      "Supplier": "-"
    }
  ],
  {
    "Ingredient": "caprylic/capric triglyceride",
    "Phase": "a",

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    "%w/w": 4.5,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 77.5,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 7.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "zinc sulfate heptahydrate",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "anti-microbial agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "aqua, sodium levulinate, potassium sorbate",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "preservative",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 3,
  "Spreadability": 3,
  "Ease of formulating": 5
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 20000.0,
  "Appearance": "white matte cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.5,
      "Function": "emulsifier",
      "Supplier": "-"
    }
  ],

```

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{
  "Ingredient": "cetearyl alcohol",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "ethylhexyl palmitate",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "dimethicone",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "polyisobutene",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cyclopentasiloxane, cyclohexasiloxane",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "iron oxide, triethoxycaprylylsilane",
  "Phase": "b",
  "%w/w": 0.01,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "cetyl dimethicone",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "emulsifier",
```

```
"Supplier": "-"  
},  
{  
  "Ingredient": "ci 77891, titanium dioxide (and) triethoxycaprylylsilane",  
  "Phase": "b",  
  "%w/w": 1.0,  
  "Function": "colorant",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "ci 15850 (and) aluminum hydroxide",  
  "Phase": "b",  
  "%w/w": 0.02,  
  "Function": "colorant",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "di water",  
  "Phase": "c",  
  "%w/w": 65.17,  
  "Function": "solvent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "c",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "propylene glycol",  
  "Phase": "c",  
  "%w/w": 2.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "urea",  
  "Phase": "c",  
  "%w/w": 2.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "xanthan gum",  
  "Phase": "c",  
  "%w/w": 0.1,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "ci 77891, silica, titanium dioxide",  
  "Phase": "d",
```

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    "%w/w": 5.0,
    "Function": "colorant",
    "Supplier": "-"
  },
  {
    "Ingredient": "phenoxyethanol, ethylhexylglycerin",
    "Phase": "e",
    "%w/w": 0.7,
    "Function": "preservative",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 5,
  "Spreadability": 2,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": "20000-25000",
  "Appearance": "white soft cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 67.98,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "trisodium ethylenediamine disuccinate",
      "Phase": "a",
      "%w/w": 0.3,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "xanthan gum",
      "Phase": "a",
      "%w/w": 0.35,
      "Function": "gelling agent",
      "Supplier": "-"
    }
  ],
}
```

```

{
  "Ingredient": "betaine",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "cetearyl olivate, sorbitan olivate",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "cetyl palmitate, sorbitan palmitate, sorbitan olivate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "lauryl olivate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "cocos nucifera (coconut) oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "butyrospermum parkii (shea) butter, elaeis guineensis (palm) butter, \n(jojoba) seed oil, vaccinium macrocarpon (cranberry)
fruitsimmondsia chinensis",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "carthamus tinctorius (safflower) seed oil, astragalus membranaceus root extract, ubiquinone, tocopherol, spilanthus acmella
flower/leaf/stem extract",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "simmondsia chinensis (jojoba) seed oil",
  "Phase": "b",

```



```
"%w/w": 1.0,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "cetyl alcohol",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "bis(cyano butylacetate) anthracenediylidene",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "anti-blue light agent",
  "Supplier": "- "
},
{
  "Ingredient": "lecithin, tocopherol, ascorbyl palmitate, citric acid",
  "Phase": "b",
  "%w/w": 0.05,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "lavandula angustifolia (lavender) flower water",
  "Phase": "c",
  "%w/w": 10.0,
  "Function": "anti-acne agent",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol",
  "Phase": "c",
  "%w/w": 0.4,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "lactic acid",
  "Phase": "c",
  "%w/w": 0.12,
  "Function": "buffer",
  "Supplier": "- "
},
{
  "Ingredient": "fragrance",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "odorant",
  "Supplier": "- "
}
],
```

```

"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 3,
  "Ease of formulating": 5
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 20000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emollient",

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```
"Supplier": "-"  
},  
{  
  "Ingredient": "myristyl myristate",  
  "Phase": "a",  
  "%w/w": 1.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",  
  "Phase": "a",  
  "%w/w": 1.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",  
  "Phase": "a",  
  "%w/w": 0.1,  
  "Function": "antioxidant",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "carrageenan",  
  "Phase": "a",  
  "%w/w": 0.1,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "di water",  
  "Phase": "b",  
  "%w/w": 73.6,  
  "Function": "solvent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "betaine",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "panthenol",  
  "Phase": "b",  
  "%w/w": 0.2,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "c",
```

```

    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "c",
    "%w/w": 0.4,
    "Function": "gelling agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "c",
    "%w/w": 1.6,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "phenethyl alcohol",
    "Phase": "d",
    "%w/w": 1.0,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 2,
  "Spreadability": 5,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 10000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "cetyl peg/ppg-10/1 dimethicone",
      "Phase": "a",
      "%w/w": 0.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "hydrogenated castor oil",
      "Phase": "a",
      "%w/w": 0.5,
      "Function": "emulsifier",
      "Supplier": "-"
    }
  ],

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{
  "Ingredient": "beeswax",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "diethylhexyl carbonate",
  "Phase": "a",
  "%w/w": 10.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "mineral oil",
  "Phase": "a",
  "%w/w": 10.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "dimethicone",
  "Phase": "a",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "tocopheryl acetate",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 47.5,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium chloride",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "stabilizer",
```

```

    "Supplier": "- "
  },
  {
    "Ingredient": "alcohol denat.",
    "Phase": "c",
    "%w/w": 20.0,
    "Function": "sensory modifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "phenoxyethanol, caprylyl glycol",
    "Phase": "d",
    "%w/w": 1.0,
    "Function": "preservative",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 4
}
},
{
  "pH": 7.29,
  "Viscosity (cps)": 79600.0,
  "Appearance": "milky cream",
  "Ingredients": [
    {
      "Ingredient": "cetearyl alcohol (and) ceteareth-20",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "rhus succedenea fruit wax",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "stabilizer",
      "Supplier": "- "
    },
    {
      "Ingredient": "dicaprylyl carbonate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "- "
    },
    {
      "Ingredient": "isononyl isononanoate",

```

```
"Phase": "a",
"%w/w": 3.0,
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "dimethicone",
  "Phase": "a",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 73.25,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "allantoin",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "disodium edta",
  "Phase": "b",
  "%w/w": 0.05,
  "Function": "chelating agent",
  "Supplier": "- "
},
{
  "Ingredient": "dipotassium glycerrhizate",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "acrylates/c-10-30 alkyl acrylate crosspolymer",
  "Phase": "b",
  "%w/w": 0.3,
  "Function": "gelling agent",
  "Supplier": "- "
```

```

{
  "Ingredient": "sodium hyaluronate",
  "Phase": "b",
  "%w/w": 0.05,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "sodium stearyl glutamate",
  "Phase": "b",
  "%w/w": 0.25,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "butylene glycol",
  "Phase": "b",
  "%w/w": 4.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "caprylyl glycol (and) ethylhexylglycerin (and) hexanediol (and) phenoxyethanol",
  "Phase": "b",
  "%w/w": 0.7,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "potassium hydroxide",
  "Phase": "c",
  "%w/w": 3.6,
  "Function": "buffer",
  "Supplier": "-"
},
{
  "Ingredient": "portulaca oleracea extract",
  "Phase": "d",
  "%w/w": 1.0,
  "Function": "soothing agent",
  "Supplier": "-"
}
},
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 2,
  "Spreadability": 4,
  "Ease of formulating": 3
}
},
{
  "pH": "6.0-7.0",

```



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"Viscosity (cps)": "17000-20000",
"Appearance": "shiny gel cream",
"Ingredients": [
  {
    "Ingredient": "di water",
    "Phase": "a",
    "%w/w": 85.35,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "a",
    "%w/w": 0.1,
    "Function": "gelling agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "a",
    "%w/w": 2.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "betaine",
    "Phase": "a",
    "%w/w": 0.2,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "allantoin",
    "Phase": "a",
    "%w/w": 0.2,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "panthenol",
    "Phase": "a",
    "%w/w": 0.2,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "disodium edta",
    "Phase": "a",
    "%w/w": 0.05,
    "Function": "chelating agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "cetearyl olivate, sorbitan olivate",
```

```
"Phase": "b",
"%w/w": 3.0,
"Function": "emulsifier",
"Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol, cetyl palmitate, sorbitan palmitate, sorbitan oleate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "lauryl olivate",
  "Phase": "b",
  "%w/w": 3.5,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "camellia oleifera seed oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "lecithin, tocopherol, ascorbyl palmitate, citric acid",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "olea europaea (olive) leaf extract, water",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "aloe barbadensis leaf juice",
  "Phase": "c",
  "%w/w": 0.3,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol",
  "Phase": "c",
  "%w/w": 0.5,
  "Function": "preservative",
  "Supplier": "- "
},
```

```

{
  "Ingredient": "10% sodium hydroxide",
  "Phase": "c",
  "%w/w": 0.0,
  "Function": "buffer",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 4
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "15000-25000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 72.65,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "preservative",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "galactoarabinan",
      "Phase": "a",
      "%w/w": 0.5,

```

```
"Function": "pore-tightening agent",
"Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
  "Phase": "a",
  "%w/w": 0.3,
  "Function": "gelling agent",
  "Supplier": "- "
},
{
  "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl stearate citrate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "b",
  "%w/w": 4.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "b",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "cellulose",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "polyglyceryl-10 laurate, sodium caproyl/lauroyl lactylate, glycerin, serenoa serrulata fruit extract, juniperus communis fruit
extract",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "anti-acne agent",
  "Supplier": "- "
},
{
```

```

    "Ingredient": "decyl cocoate",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "b",
    "%w/w": 0.2,
    "Function": "antioxidant",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "c",
    "%w/w": 0.25,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": 6.0,
  "Viscosity (cps)": 32400.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "emulsifier",

```

```
"Supplier": "-"  
},  
{  
  "Ingredient": "decyl cocoate",  
  "Phase": "a",  
  "%w/w": 10.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "oleyl erucate",  
  "Phase": "a",  
  "%w/w": 8.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cetyl ricinoleate",  
  "Phase": "a",  
  "%w/w": 2.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "di water",  
  "Phase": "b",  
  "%w/w": 66.5,  
  "Function": "solvent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "glycerin",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "hydroxyethylcellulose",  
  "Phase": "b",  
  "%w/w": 0.3,  
  "Function": "gelling agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "betaine",  
  "Phase": "b",  
  "%w/w": 2.5,  
  "Function": "moisturising agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "distearoylisopropyl dimonium methosulfate",  
  "Phase": "b",
```

```
    "%w/w": 1.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "phenethyl alcohol",
    "Phase": "c",
    "%w/w": 0.7,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 2,
  "Spreadability": 5,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "25000-30000",
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 61.15,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 3.5,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "cellulose",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    }
  ],
```

```
{
  "Ingredient": "methylpropanediol, caprylyl glycol, phenylpropanol",
  "Phase": "a",
  "%w/w": 4.0,
  "Function": "anti-microbial agent",
  "Supplier": "-"
},
{
  "Ingredient": "galactoarabinan",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "pore-tightening agent",
  "Supplier": "-"
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.35,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "glyceryl stearate citrate, cetearyl alcohol, glyceryl caprylate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "isoamyl laurate",
  "Phase": "c",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "butyrospermum parkii (shea) butter",
  "Phase": "c",
  "%w/w": 1.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "squalane",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "simmondsia chinensis (jojoba) seed oil",
  "Phase": "c",
  "%w/w": 2.0,
  "Function": "emollient",
```



```

    "Supplier": "- "
  },
  {
    "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
    "Phase": "c",
    "%w/w": 0.5,
    "Function": "antioxidant",
    "Supplier": "- "
  },
  {
    "Ingredient": "sodium hyaluronate",
    "Phase": "d",
    "%w/w": 0.1,
    "Function": "moisturising agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "di water",
    "Phase": "d",
    "%w/w": 10.5,
    "Function": "solvent",
    "Supplier": "- "
  },
  {
    "Ingredient": "fragrance",
    "Phase": "f",
    "%w/w": 0.3,
    "Function": "odorant",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 3
}
},
{
  "pH": "5.5-6.0",
  "Viscosity (cps)": 40000.0,
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "glyceryl stearate",

```

```
"Phase": "a",
"%w/w": 1.5,
"Function": "emulsifier",
"Supplier": "-",
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-",
},
{
  "Ingredient": "oleyl erucate",
  "Phase": "a",
  "%w/w": 5.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "a",
  "%w/w": 8.5,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "persea gratissima (avocado) oil",
  "Phase": "a",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-",
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 69.3,
  "Function": "solvent",
  "Supplier": "-",
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-",
},
{
  "Ingredient": "xanthan gum",
  "Phase": "b",
  "%w/w": 0.2,
  "Function": "gelling agent",
  "Supplier": "-",
},
```

```

{
  "Ingredient": "triethyl citrate, glyceryl caprylate, benzoic acid",
  "Phase": "c",
  "%w/w": 1.5,
  "Function": "preservative",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 4,
  "Spreadability": 3,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 10000.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "cetyl peg/ppg-10/1 dimethicone",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "diethylhexyl carbonate",
      "Phase": "a",
      "%w/w": 10.5,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 8.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "caprylic/capric triglyceride",
      "Phase": "a",
      "%w/w": 6.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "beeswax",
      "Phase": "a",
      "%w/w": 0.5,

```

```
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "hydrogenated castor oil",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "tocopheryl acetate",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 62.5,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "sodium chloride",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "stabilizer",
  "Supplier": "- "
},
{
  "Ingredient": "alcohol denat.",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "sensory modifier",
  "Supplier": "- "
},
{
  "Ingredient": "phenoxyethanol, caprylyl glycol",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "preservative",
  "Supplier": "- "
}
},
"Additional Properties": {
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    "absorption time": 3,
    "Advance delivery system": 3,
    "Matte-Finish and Oil control": 4,
    "Long lasting hydration": 5,
    "Spreadability": 2,
    "Ease of formulating": 2
  }
},
{
  "pH": "6.5-7.5",
  "Viscosity (cps)": "50000-65000",
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 18.0,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "butyrospermum parkii (shea) butter",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "hydrogenated olive oil stearyl esters",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "meadowfoam estolide",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "jojoba esters (and) tocophero",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "acrylates/c10-30 alkyl acrylate crosspolymer",
      "Phase": "a",
      "%w/w": 0.25,
      "Function": "gelling agent",
      "Supplier": "-"
    }
  ]
}

```

```
},
{
  "Ingredient": "caesalpinia spinosa gum/ammonium amps crosspolymer",
  "Phase": "a",
  "%w/w": 0.15,
  "Function": "gelling agent",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 62.1,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "lauroyl methyl glucamide",
  "Phase": "c",
  "%w/w": 0.5,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "acetamidoethoxyethanol",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin (and) calendula officinalis flower extract (and) water",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin (and) chamomilla recutita (matricaria) flower extract (and) water",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin (and) water (and) cucumis sativus (cucumber) fruit extract",
  "Phase": "c",
  "%w/w": 0.1,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "phenoxyethanol (and) ethylhexylglycerin",
  "Phase": "c",
  "%w/w": 0.1,
```

```
"Function": "preservative",
"Supplier": "- "
},
{
  "Ingredient": "water (and) sodium hydroxide",
  "Phase": "c",
  "%w/w": 0.6,
  "Function": "buffer",
  "Supplier": "- "
}
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 5,
  "Spreadability": 3,
  "Ease of formulating": 5
}
},
{
  "pH": "5.5-6.5",
  "Viscosity (cps)": "25000-40000",
  "Appearance": "rich cream",
  "Ingredients": [
    {
      "Ingredient": "glyceryl stearate citrate, cetearyl alcohol, glyceryl caprylate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "- "
    },
    {
      "Ingredient": "oleyl erucate",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "- "
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "- "
    }
  ]
}
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    "Ingredient": "cetyl ricinoleate",
    "Phase": "a",
    "%w/w": 1.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "creatine",
    "Phase": "b",
    "%w/w": 0.5,
    "Function": "anti-aging agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "betaine",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "b",
    "%w/w": 0.5,
    "Function": "gelling agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 65.5,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "ceramide eop, ceramide np, ceramide ns, ceramide ap, cholesterol, behenic acid, polyglyceryl-10 stearate, polyglyceryl-6
behenate, glycerin, cetearyl alcohol, glyceryl stearate, sodium cetearyl sulfate, triethylcitrate, lactic acid, aqua/water",
    "Phase": "c",
    "%w/w": 5.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "triethyl citrate, caprylyl glycol, benzoic acid",
    "Phase": "d",
    "%w/w": 1.5,
    "Function": "preservative",

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    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 4,
  "Spreadability": 4,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 37300.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "ppg-14 butyl ether",
      "Phase": "a",
      "%w/w": 7.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "phenoxyethyl caprylate",

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    "Phase": "a",
    "%w/w": 7.0,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "disodium edta",
    "Phase": "b",
    "%w/w": 0.1,
    "Function": "chelating agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "ceramide np, ceramide ns, ceramide eos, ceramide eop, ceramide ap, caprooylphytosphingosine, caprooyl sphingosine,
behenic acid, cholesterol, ceteareth-25, glycerin, cetylalcohol, phenoxyethanol, ethylhexylglycerin, tocopherol, ascorbyl palmitate, lecithin,
glycerylstearate, glyceryl oleate, citric acid, aqua",
    "Phase": "b",
    "%w/w": 5.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "distearyldimonium chloride",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 57.4,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "aqua, glycerin, lecithin, sodium hyaluronate, tocopherol, benzyl alcohol, benzoic acid, dehydroacetic acid",
    "Phase": "c",
    "%w/w": 5.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "methylpropanediol, caprylyl glycol, benzoic acid",
    "Phase": "d",
    "%w/w": 0.5,
    "Function": "preservative",

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```
"Supplier": "-"  
}  
],  
"Additional Properties": {  
  "absorption time": 2,  
  "Advance delivery system": 3,  
  "Matte-Finish and Oil control": 5,  
  "Long lasting hydration": 2,  
  "Spreadability": 3,  
  "Ease of formulating": 3  
}  
},  
{  
  "pH": "5.0-6.0",  
  "Viscosity (cps)": 35100.0,  
  "Appearance": "white cream",  
  "Ingredients": [  
    {  
      "Ingredient": "polyglyceryl-3 dicitrate/stearate",  
      "Phase": "a",  
      "%w/w": 2.0,  
      "Function": "emulsifier",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "glyceryl stearate",  
      "Phase": "a",  
      "%w/w": 1.0,  
      "Function": "emulsifier",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "cetearyl alcohol",  
      "Phase": "a",  
      "%w/w": 1.0,  
      "Function": "emulsifier",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "diethylhexyl carbonate",  
      "Phase": "a",  
      "%w/w": 9.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "ethylhexyl stearate",  
      "Phase": "a",  
      "%w/w": 8.0,  
      "Function": "emollient",  
      "Supplier": "-"  
    },  
    {  
      "Ingredient": "avocado oil",
```

```

    "Phase": "a",
    "%w/w": 3.0,
    "Function": "emollient",
    "Supplier": "-"
  },
  {
    "Ingredient": "ceramide np",
    "Phase": "a",
    "%w/w": 2.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glyceryl caprylate",
    "Phase": "a",
    "%w/w": 0.5,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "di water",
    "Phase": "b",
    "%w/w": 67.0,
    "Function": "solvent",
    "Supplier": "-"
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "b",
    "%w/w": 0.5,
    "Function": "gelling agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "glycerin",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "aqua, sodium levulinate, potassium sorbate",
    "Phase": "c",
    "%w/w": 1.5,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "water/aqua, glycerin, lecithin, glycolipids, ceramide np, phytosphingosine, cholesterol, benzyl alcohol, benzoic acid,
dehydroacetic acid, sodium benzoate, tocopherol",
    "Phase": "c",
    "%w/w": 1.5,
    "Function": "moisturising agent",
    "Supplier": "-"
  }

```

```

    }
  ],
  "Additional Properties": {
    "absorption time": 5,
    "Advance delivery system": 2,
    "Matte-Finish and Oil control": 5,
    "Long lasting hydration": 4,
    "Spreadability": 4,
    "Ease of formulating": 3
  }
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": 3000.0,
  "Appearance": "ultra light tinted moisturizer",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 45.5,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "propanediol",
      "Phase": "a",
      "%w/w": 10.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "magnesium sulfate",
      "Phase": "a",
      "%w/w": 0.5,
      "Function": "anti-inflammatory agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "titanium dioxide, caprylic/capric triglyceride, polyhydroxystearic acid, stearic acid, alumina",
      "Phase": "b",
      "%w/w": 30.0,
      "Function": "uv filter",
      "Supplier": "-"
    },
    {
      "Ingredient": "diheptyl succinate, capryloyl glycerin/sebacic acid copolymer",
      "Phase": "b",
      "%w/w": 10.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "trimethylol propane lauryl dimethicone",
      "Phase": "b",

```

```
    "%w/w": 2.0,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "sorbitan oleate",
    "Phase": "b",
    "%w/w": 2.0,
    "Function": "emulsifier",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 2,
  "Spreadability": 4,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 18000.0,
  "Appearance": "creamy emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 methylglucose distearate",
      "Phase": "a",
      "%w/w": 3.5,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "ethylhexyl palmitate",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "dimethicone",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emollient",
      "Supplier": "-"
    }
  ],
}
```

```
{
  "Ingredient": "polyisobutene",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cyclopentasiloxane/cyclohexasiloxane",
  "Phase": "a",
  "%w/w": 8.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "ci 77891, titanium dioxide (and) triethoxycaprylylsilane",
  "Phase": "b",
  "%w/w": 1.2,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "caprylic/capric triglyceride",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "cetyl dimethicone",
  "Phase": "b",
  "%w/w": 0.5,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "di water",
  "Phase": "c",
  "%w/w": 64.9,
  "Function": "solvent",
  "Supplier": "-"
},
{
  "Ingredient": "glycerin",
  "Phase": "c",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "-"
},
{
  "Ingredient": "propylene glycol",
  "Phase": "c",
  "%w/w": 2.0,
  "Function": "moisturising agent",
```

```

    "Supplier": "-",
  },
  {
    "Ingredient": "urea",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "moisturising agent",
    "Supplier": "-",
  },
  {
    "Ingredient": "xanthan gum",
    "Phase": "c",
    "%w/w": 0.1,
    "Function": "gelling agent",
    "Supplier": "-",
  },
  {
    "Ingredient": "ci 77891, silica, titanium dioxide",
    "Phase": "d",
    "%w/w": 5.0,
    "Function": "colorant",
    "Supplier": "-",
  },
  {
    "Ingredient": "ci 77491, aqua, glycerin, xanthan gum, sodium citrate",
    "Phase": "d",
    "%w/w": 0.1,
    "Function": "colorant",
    "Supplier": "-",
  },
  {
    "Ingredient": "phenoxyethanol, ethylhexylglycerin",
    "Phase": "d",
    "%w/w": 0.7,
    "Function": "preservative",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 3,
  "Spreadability": 5,
  "Ease of formulating": 5
}
},
{
  "pH": "5.3-6.5",
  "Viscosity (cps)": "10000-15000",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",

```



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"Phase": "a",
"%w/w": 81.2,
"Function": "solvent",
"Supplier": "- "
},
{
  "Ingredient": "panthenol",
  "Phase": "a",
  "%w/w": 2.5,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "acrylates/vinyl crosspolymer, peg 6",
  "Phase": "a",
  "%w/w": 2.5,
  "Function": "film-former",
  "Supplier": "- "
},
{
  "Ingredient": "olive oil polyglyceryl-6 esters, phospholipids",
  "Phase": "b",
  "%w/w": 5.0,
  "Function": "emulsifier",
  "Supplier": "- "
},
{
  "Ingredient": "simmondsia chinensis (jojoba) seed oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "argania spinosa kernel oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "prunus amygdalus dulcis (sweet almond) oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "c12-15 alkyl benzoate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
```

```

{
  "Ingredient": "ethylhexylglycerin, phenoxyethanol",
  "Phase": "c",
  "%w/w": 0.8,
  "Function": "preservative",
  "Supplier": "-"
}
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 5,
  "Spreadability": 3,
  "Ease of formulating": 5
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": 24500.0,
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "polyglyceryl-3 distearate, glyceryl stearate citrate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "glyceryl stearate",
      "Phase": "a",
      "%w/w": 1.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "cetearyl alcohol",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "isoamyl laurate",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "lauryl oleate",
      "Phase": "a",
      "%w/w": 4.0,

```

```
"Function": "emollient",
"Supplier": "- "
},
{
  "Ingredient": "oleyl erucate",
  "Phase": "a",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "- "
},
{
  "Ingredient": "7-dehydrocholesterol",
  "Phase": "a",
  "%w/w": 0.5,
  "Function": "occlusive agent",
  "Supplier": "- "
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "a",
  "%w/w": 0.2,
  "Function": "antioxidant",
  "Supplier": "- "
},
{
  "Ingredient": "glyceryl caprylate",
  "Phase": "a",
  "%w/w": 0.3,
  "Function": "preservative",
  "Supplier": "- "
},
{
  "Ingredient": "di water",
  "Phase": "b",
  "%w/w": 74.0,
  "Function": "solvent",
  "Supplier": "- "
},
{
  "Ingredient": "glycerin",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "moisturising agent",
  "Supplier": "- "
},
{
  "Ingredient": "sodium phytate",
  "Phase": "b",
  "%w/w": 0.1,
  "Function": "chelating agent",
  "Supplier": "- "
},
{
  "Ingredient": "xanthan gum",
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```

    "Phase": "b",
    "%w/w": 0.4,
    "Function": "gelling agent",
    "Supplier": "-",
  },
  {
    "Ingredient": "sodium levulinate, sodium anisate, glycerin, aqua",
    "Phase": "c",
    "%w/w": 3.5,
    "Function": "anti-microbial agent",
    "Supplier": "-",
  },
  {
    "Ingredient": "water/aqua, glycerin, lecithin, glycolipids, ceramide np, phytosphingosine, cholesterol, benzyl alcohol, benzoic acid,
dehydroacetic acid, sodium benzoate, tocopherol",
    "Phase": "d",
    "%w/w": 1.0,
    "Function": "moisturising agent",
    "Supplier": "-",
  }
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 2,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 4
}
},
{
  "pH": "5.0-5.5",
  "Viscosity (cps)": "9600-9800",
  "Appearance": "white emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 70.6,
      "Function": "solvent",
      "Supplier": "-",
    },
    {
      "Ingredient": "butylene glycol",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-",
    },
    {
      "Ingredient": "zea mays (corn) starch, cyamopsis tetragonoloba (guar) gum, sodium carrageenan",
      "Phase": "a",
      "%w/w": 2.0,
      "Function": "emulsifier",
    }
  ]
}

```

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"Supplier": "-"  
},  
{  
  "Ingredient": "glyceryl stearate citrate",  
  "Phase": "b",  
  "%w/w": 3.0,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "pentaerythrityl tetrabehenate",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "thickening agent",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "cetyl alcohol",  
  "Phase": "b",  
  "%w/w": 0.5,  
  "Function": "emulsifier",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "c10-18 triglycerides",  
  "Phase": "b",  
  "%w/w": 1.5,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "magnifera indica seed oil",  
  "Phase": "b",  
  "%w/w": 4.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "ethyl oleate",  
  "Phase": "b",  
  "%w/w": 4.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "octyldodecyl myristate",  
  "Phase": "b",  
  "%w/w": 2.0,  
  "Function": "emollient",  
  "Supplier": "-"  
},  
{  
  "Ingredient": "isocetyl stearate",  
  "Phase": "b",
```

```
"%w/w": 1.5,
"Function": "emollient",
"Supplier": "-."
},
{
  "Ingredient": "beta glucan, aqua",
  "Phase": "c",
  "%w/w": 5.0,
  "Function": "moisturising agent",
  "Supplier": "-."
},
{
  "Ingredient": "phenoxyethanol",
  "Phase": "c",
  "%w/w": 0.4,
  "Function": "preservative",
  "Supplier": "-."
},
{
  "Ingredient": "10% lactic acid",
  "Phase": "d",
  "%w/w": 0.0,
  "Function": "buffer",
  "Supplier": "-."
}
],
"Additional Properties": {
  "absorption time": 2,
  "Advance delivery system": 2,
  "Matte-Finish and Oil control": 5,
  "Long lasting hydration": 3,
  "Spreadability": 2,
  "Ease of formulating": 3
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "10000-15000",
  "Appearance": "white cream",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 75.7,
      "Function": "solvent",
      "Supplier": "-."
    },
    {
      "Ingredient": "sorbitol, glycerin",
      "Phase": "a",
      "%w/w": 4.0,
      "Function": "moisturising agent",
      "Supplier": "-."
    }
  ],
}
```

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{
  "Ingredient": "sodium hydroxypropyl starch phosphate",
  "Phase": "a",
  "%w/w": 3.0,
  "Function": "thickening agent",
  "Supplier": "-"
},
{
  "Ingredient": "polyglyceryl-2-stearate, stearyl alcohol, glyceryl stearate",
  "Phase": "b",
  "%w/w": 3.5,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "isoamyl palmitate stearate",
  "Phase": "b",
  "%w/w": 3.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "octyldodecyl oleate, octyldodecyl stearyl stearate, polyhydroxystearic acid, octyldodecanol",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "macadamia ternifolia seed oil",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "isoamyl cocoate",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "propanediol, phenethyl alcohol, pentylene glycol",
  "Phase": "c",
  "%w/w": 2.5,
  "Function": "preservative",
```

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    "Supplier": "- "
  },
  {
    "Ingredient": "kaduka plum",
    "Phase": "c",
    "%w/w": 0.3,
    "Function": "odorant",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 5,
  "Spreadability": 2,
  "Ease of formulating": 2
}
},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "59500-60000",
  "Appearance": "white viscous cream",
  "Ingredients": [
    {
      "Ingredient": "dimethicone (and) dimethicone/peg-10/15 crosspolymer",
      "Phase": "a",
      "%w/w": 3.0,
      "Function": "emulsifier",
      "Supplier": "- "
    },
    {
      "Ingredient": "cyclopentasiloxane",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "- "
    },
    {
      "Ingredient": "dimethicone (and) dimethicone/peg-10/15 crosspolymer",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "emollient",
      "Supplier": "- "
    },
    {
      "Ingredient": "di water",
      "Phase": "b",
      "%w/w": 74.8,
      "Function": "solvent",
      "Supplier": "- "
    },
    {
      "Ingredient": "glycerin",

```



```

    "Phase": "b",
    "%w/w": 5.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "dipropylene glycol",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "portulaca oleracea (purselane) extract",
    "Phase": "b",
    "%w/w": 3.0,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "sodium chloride",
    "Phase": "b",
    "%w/w": 0.8,
    "Function": "emulsifier",
    "Supplier": "-"
  },
  {
    "Ingredient": "phenoxyethanol",
    "Phase": "c",
    "%w/w": 0.3,
    "Function": "preservative",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "c",
    "%w/w": 0.1,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 4,
  "Advance delivery system": 4,
  "Matte-Finish and Oil control": 3,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 5
}
},
{
  "pH": 5.61,
  "Viscosity (cps)": 13640.0,
  "Appearance": "light yellow soft emulsion",

```

```
"Ingredients": [  
  {  
    "Ingredient": "butylene glycol",  
    "Phase": "a",  
    "%w/w": 4.0,  
    "Function": "moisturising agent",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "hydroxypropyl starch phosphate",  
    "Phase": "a",  
    "%w/w": 3.5,  
    "Function": "thickening agent",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "di water",  
    "Phase": "a",  
    "%w/w": 73.56,  
    "Function": "solvent",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "benzyl alcohol, salicylic acid, sorbic acid, glycerin",  
    "Phase": "a",  
    "%w/w": 1.0,  
    "Function": "preservative",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "glycerin, aqua, euterpe oleacea fruit extract",  
    "Phase": "a",  
    "%w/w": 3.0,  
    "Function": "moisturising agent",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "polyglyceryl-10 dipalmitate",  
    "Phase": "b",  
    "%w/w": 4.5,  
    "Function": "emulsifier",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "cetearyl alcohol",  
    "Phase": "b",  
    "%w/w": 1.0,  
    "Function": "emulsifier",  
    "Supplier": "-"  
  },  
  {  
    "Ingredient": "glyceryl stearate",  
    "Phase": "b",  
    "%w/w": 0.6,
```

```

    "Function": "emulsifier",
    "Supplier": "- "
  },
  {
    "Ingredient": "sclerocarya birrea seed oil",
    "Phase": "b",
    "%w/w": 1.5,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "isoamyl laurate",
    "Phase": "b",
    "%w/w": 2.5,
    "Function": "emollient",
    "Supplier": "- "
  },
  {
    "Ingredient": "physalis alkekengi calyx extract (and) caprylic/capric triglyceride (and) beta-caroten",
    "Phase": "b",
    "%w/w": 2.5,
    "Function": "anti-blue light agendr",
    "Supplier": "- "
  },
  {
    "Ingredient": "fragrance",
    "Phase": "c",
    "%w/w": 0.2,
    "Function": "odorant",
    "Supplier": "- "
  },
  {
    "Ingredient": "silk powder",
    "Phase": "c",
    "%w/w": 2.0,
    "Function": "anti-aging agent",
    "Supplier": "- "
  },
  {
    "Ingredient": "aqua, sodium hydroxide",
    "Phase": "d",
    "%w/w": 0.14,
    "Function": "buffer",
    "Supplier": "- "
  }
],
"Additional Properties": {
  "absorption time": 5,
  "Advance delivery system": 3,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 5,
  "Spreadability": 5,
  "Ease of formulating": 2
}

```

```

},
{
  "pH": "5.0-6.0",
  "Viscosity (cps)": "10000-15000",
  "Appearance": "creamy emulsion",
  "Ingredients": [
    {
      "Ingredient": "di water",
      "Phase": "a",
      "%w/w": 61.8,
      "Function": "solvent",
      "Supplier": "-"
    },
    {
      "Ingredient": "glycerin",
      "Phase": "a",
      "%w/w": 5.0,
      "Function": "moisturising agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "sodium phytate, aqua, alcohol",
      "Phase": "a",
      "%w/w": 0.1,
      "Function": "chelating agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "xanthan gum fedcs-pc(xanthan gum)",
      "Phase": "a",
      "%w/w": 0.3,
      "Function": "gelling agent",
      "Supplier": "-"
    },
    {
      "Ingredient": "polyglyceryl-6 stearate (and) polyglyceryl-6 behenate",
      "Phase": "b",
      "%w/w": 4.0,
      "Function": "emulsifier",
      "Supplier": "-"
    },
    {
      "Ingredient": "oenothera bie oil",
      "Phase": "b",
      "%w/w": 2.0,
      "Function": "emollient",
      "Supplier": "-"
    },
    {
      "Ingredient": "decyl cocoate",
      "Phase": "b",
      "%w/w": 6.0,
      "Function": "emollient",
      "Supplier": "-"
    }
  ]
}

```

```
},
{
  "Ingredient": "carthamus tinctorius seed oil",
  "Phase": "b",
  "%w/w": 6.0,
  "Function": "emollient",
  "Supplier": "-"
},
{
  "Ingredient": "cellulose",
  "Phase": "b",
  "%w/w": 1.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "cetearyl alcohol",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "emulsifier",
  "Supplier": "-"
},
{
  "Ingredient": "polyglyceryl-10 laurate, sodium caproyl/lauroyl lactylate, glycerin, serenoa serrulata fruit extract, juniperus communis fruit extract",
  "Phase": "b",
  "%w/w": 2.0,
  "Function": "anti-acne agent",
  "Supplier": "-"
},
{
  "Ingredient": "tocopherol, helianthus annuus (sunflower) seed oil",
  "Phase": "b",
  "%w/w": 0.15,
  "Function": "antioxidant",
  "Supplier": "-"
},
{
  "Ingredient": "glyceryl caprylate",
  "Phase": "b",
  "%w/w": 0.3,
  "Function": "preservative",
  "Supplier": "-"
},
{
  "Ingredient": "cl 77499",
  "Phase": "c",
  "%w/w": 0.05,
  "Function": "colorant",
  "Supplier": "-"
},
{
  "Ingredient": "cl 77491",
  "Phase": "c",
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    "%w/w": 0.1,
    "Function": "colorant",
    "Supplier": "-"
  },
  {
    "Ingredient": "cl 77492",
    "Phase": "c",
    "%w/w": 0.3,
    "Function": "colorant",
    "Supplier": "-"
  },
  {
    "Ingredient": "cl 77891",
    "Phase": "c",
    "%w/w": 5.0,
    "Function": "colorant",
    "Supplier": "-"
  },
  {
    "Ingredient": "sodium levulinate, sodium anisate, glycerin, aqua",
    "Phase": "d",
    "%w/w": 3.5,
    "Function": "moisturising agent",
    "Supplier": "-"
  },
  {
    "Ingredient": "fragrance",
    "Phase": "d",
    "%w/w": 0.4,
    "Function": "odorant",
    "Supplier": "-"
  }
],
"Additional Properties": {
  "absorption time": 3,
  "Advance delivery system": 5,
  "Matte-Finish and Oil control": 4,
  "Long lasting hydration": 5,
  "Spreadability": 4,
  "Ease of formulating": 3
}
}
]
```