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### 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product Identifier

**1.1.1. Trade Name:** Unibase DE

**1.1.2. INCI Name:** (Suggested) Cetyl Palmitate (and) Cetearyl Alcohol (and) Ceteareth-20 (and) Ceteth-10 (and) Ceteth-20.

**1.2. Relevant identified uses of the substance or mixture and uses advised against:** SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites / PC39 – Cosmetics, Personal Care Products.

#### 1.3. Details of the supplier of the Safety Data Sheet

**Manufacturer/supplier:** Chemyunion Química Ltda

**Address:** Avenida Independência, 1501, Iporanga. CEP: 18087-101- Sorocaba – São Paulo.

**Phone:** +55 (15) 2102-2000

**Fax:** +55 (15) 2102-2005

**e-mail address of competent person responsible for the SDS:** vendas@chemyunion.com.br

**1.4. Emergency telephone number:** +55 (15) 2102-2000 / +55 (15) 2102-2086 / Suatrans +55 (11) 3010-3700 or 0800 707 7022.

### 2 – HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

**2.1.1. Classification according to Regulation (EC) No. 1272/2008 (CLP) / GHS:** Skin corrosion/Irritation: Category 2 – Serious eye damage /Eye irritation: Category 2A

#### 2.2. Label elements

**2.2.1. Labelling according to Regulation (EC) No. 1272/2008 (CLP) / GHS**

**Hazard pictograms:**



**Signal Word:** Warning.

**Hazard Statements:** H315 - Causes skin irritation. H319 - Causes serious eye irritation.

**Precautionary statements:** P264 – Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P332+P313 – If skin irritation occurs: Get medical advice/attention. P305 + P351 + P338 – IF IN EYES: Rinse

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cautiously with water for several minutes. Remove contact lenses, if present e easy to do. P337  
+ 313 - If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards which do not result in classification:** None know.

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Substance

CAS Number	Identification name	Weight % content (or range)	REACH Registration
-	-	-	-

#### 3.2. Mixture

**Description of the mixture:** Fatty alcohols, fatty acids esters and ethoxylate fatty alcohols.

Ingredient (INCI or Chemical Name)	CAS Number	EC Number*	Concentration Range % (w/w)	REACH Registration	Classification according to Regulation (EC) No. 1272/2008 (CLP) / GHS
Cetyl Palmitate	540-10-3	208-736-6 (I)	30.00 – 72.00	Exempt (Below 1 tonne per year)	Not classified according CLP/GHS.
Cetearyl Alcohol	67762-27-0	267-008-6 (I)	7.00 – 31.00	Exempt (Below 1 tonne per year)	Skin Corrosion / Irritation: Category 2. Serious Eye Damage / Eye Irritation: Category 2
Cetareth-20	68439-49-6 (Genérico)	-	5.00 – 17.00	Exempt (Polymer)	Acute Toxicity: Category: 4/ Serious Eye Damage / Eye Irritation: Category 1/ Hazardous to the Aquatic Environment (Short-term): Category 1
Ceteth-10	9004-95-9 (Genérico)	-	5.00 – 16.00	Exempt (Below 1 tonne per year)	Skin Corrosion / Irritation: Category 2.
Ceteth-20	9004-95-9 (Genérico)	-	4.00 – 13.00	Exempt (Polymer)	Skin Corrosion / Irritation: Category 2.

\* EINECS – (I); ELINCS – (L); No-Longer Polymer – (NLP)

**Additional Information:** None.

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### 4 – FIRST AID MEASURES

#### 4.1. Description of first aid measures

- 4.1.1. General Notes:** If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.
- 4.1.2. Following Inhalation:** Remove the victim to fresh air and seek immediate medical attention, if necessary. If not breathing, give artificial respiration or oxygen.
- 4.1.3. Following Skin contact:** Wash skin with soap and water and remove the contaminated clothes and shoes. Seek medical attention immediately, if necessary.
- 4.1.4. Following Eye contact:** Flush eyes with plenty of clean water, keeping the eyes opened to assure the product's removal. Seek medical attention immediately, if necessary.
- 4.1.5. Following Ingestion:** Wash mouth abundantly with water. Do not induce vomit or ingest liquid unless directed to do so by medical personnel. Never administer anything orally to an unconscious person. Obtain medical attention.
- 4.1.6. Self-protection of the first aider:** Wear proper personal protective clothing and equipment.

**4.2. Most important symptoms / effects, both acute and delayed:** Causes skin irritation and causes serious eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed:** Symptomatic treatment. Do not induce vomit.

### 5 – FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

- 5.1.1. Suitable extinguishing media:** Dry chemical, carbon dioxide, foam, water spray.
- 5.1.2. Unsuitable extinguishing media:** Do not use direct water stream, unless operated by trained person, because it can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

- 5.2.1. Hazardous combustion products:** In case of fire, carbon dioxide, carbon monoxide and water in fog form may be released. In certain combustion conditions, traces of other toxic substances may not be excluded.

**5.3. Advice for fire-fighters:** Full protective clothing, including breathing mask.

### 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1. For non-emergency personnel**

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**Protective equipment:** Use appropriate protection equipment (Section 8).

**Emergency procedures:** Avoid contact with eyes and inhalation. Do not walk on the spilled product.

**6.1.2. For emergency responders:** Use appropriate protection equipment (Section 8). Floor may become slippery.

**6.2. Environmental precaution:** Avoid material from entering drains and waterbodies.

**6.3. Methods and materials for containment and cleaning up**

**6.3.1. For containment:** Remove the product with appropriate absorbent material, such as sand, sawdust, absorbent blankets, etc. Dispose it, in an appropriated container, in compliance with local laws and regulation.

**6.3.2. For cleaning up:** Remove the product mechanically, sweeping or vacuuming, disposing it in an appropriated container. Water is indicated to be used freely with any common detergent.

**6.3.3. Other information:** None.

**6.4. Reference to other sections:** Protection equipment see Section 8.

## 7 – HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### 7.1.1. Protective measures

**Measures to prevent fire:** Not applicable. Product not flammable under usual conditions.

**Measures to prevent aerosol and dust generation:** Not applicable.

**Measures to protect the environment:** Avoid material from entering drains and waterbodies.

**7.1.2. Advice on general occupational hygiene:** Wash contaminated clothing before reuse. Wash hands before and after handling. Use disposable surgical mask to prevent contamination of the product. Do not eat, drink or smoke when handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**7.2.1. Technical measures and storage conditions:** Store in a sheltered, dry, ventilated area, at room temperature (25°C approx.). Product remains stable until expiry date indicated if stored in its original sealed packaging. Avoid contact with oxidizing agents. Seal the packaging properly after use or sampling.

**7.2.2. Packaging materials:** Packagings properly sealed and labeled.

**7.2.3. Requirements for storage rooms and vessels:** None specific requirement necessary.

**7.2.4. Storage class:** Not applicable.

**7.2.5. Further information on storage conditions:** Protect containers against damage.

### 7.3. Specific end use(s)

**7.3.1. Recommendations:** Industrial use.

**7.3.2. Industrial sector specific solutions:** Cosmetic industry.

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### 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

**8.1.1. Occupational exposure limit:** Not available.

**8.1.2. Recommended monitoring procedures:** No special requirements under normal use conditions.

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

**Substance/mixture related measures to prevent exposure during identified uses:** Use appropriated protection equipments.

**Structural measures to prevent exposure:** No engineering control measure is required. However, it is recommended ensure adequate ventilation and keep shower and eyewash near the workplace.

**Organizational measures to prevent exposure:** Provide appropriated protection equipment (Section 8.2.2).

**Technical measures to prevent exposure:** No special requirements under normal use conditions.

##### 8.2.2. Personal protection equipment

**Eye and face protection:** Safety glasses.

**Skin protection:**

**Hand protection:** Protective gloves.

**Other skin protection:** Apron or Laboratory coat and rubber or PVG boots.

**Respiratory protection:** Surgical mask.

**Thermal hazards:** Not applicable.

##### 8.2.3. Environmental exposure controls

**Substance/mixture related measures to prevent exposure:** Avoid material from entering drains and waterbodies.

**Instruction measures to prevent exposure:** No special requirements under normal use conditions.

**Organizational measures to prevent exposure:** Avoid material from entering drains and waterbodies.

**Technical measures to prevent exposure:** No special requirements under normal use conditions.

### 9 – PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

**9.1.1. Appearance:** Solid waxy flakes or scales, white.

**9.1.2. Odour:** Characteristic.

**9.1.3. Odour threshold:** Not available.

**9.1.4. pH:** 5.50-7.00 (aq. sol. 3% w/w at 25°C).

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**9.1.5. Melting point/Freezing point:** 45.0-51.0°C.

**9.1.6. Initial boiling point/Boiling range:** Not available.

**9.1.7. Flash point:** 125°C (open cup / ASTM D-92).

**9.1.8. Evaporation rate:** Not available.

**9.1.9. Flammability (solid, gas):** Not applicable.

**9.1.10. Upper/lower flammability or explosive limits:** Not applicable.

**9.1.11. Vapour pressure:** Not available.

**9.1.12. Vapour density:** Not available.

**9.1.13. Relative density:** Not available.

**9.1.14. Solubility(ies):** Soluble in organic solvents.

**9.1.15. Partition coefficient (n-octanol/water):** Not available.

**9.1.16. Auto-Ignition temperature:** Not applicable.

**9.1.17. Decomposition temperature:** Not available.

**9.1.18. Viscosity:** Not available.

**9.1.19. Explosive properties:** Not applicable.

**9.1.20. Oxidising properties:** Not available.

**9.2. Other information:** None.

### 10 – STABILITY AND REACTIVITY

**10.1. Reactivity:** Not available.

**10.2. Chemical Stability:** Product is stable under regular conditions.

**10.3. Possibility of hazardous reactions:** None known.

**10.4. Conditions to avoid:** Dust, humidity, open packaging, inappropriate handling, high temperatures.

**10.5. Incompatible materials:** None known.

**10.6. Hazardous decomposition products:** In case of fire, carbon dioxide, carbon monoxide and water in fog form may be released. In certain combustion conditions, traces of other toxic substances may not be excluded.

### 11 – TOXICOLOGICAL INFORMATION

#### 11.1. Acute Toxicity

##### 11.1.1. Oral

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP / GHS.

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### 11.1.2. Dermal

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP / GHS.

### 11.1.3. Inhalation

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.2. Skin corrosion/Irritation

Test / Type	Result
Not available	Causes skin irritation.

### 11.3. Serious eyes damage /Irritation

Test / Type	Result
Not available.	Causes serious eye irritation.

### 11.4. Respiratory or Skin Sensitization

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP / GHS.

### 11.5. Germ cell mutagenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.6. Carcinogenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.7. Reproductive toxicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.8. STOT-Single exposure

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.9. STOT-repeated exposure

Test / Type	Results
Not available	Chemical not classified as hazardous according CLP / GHS.

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### 11.10. Aspiration Hazard

Test / Type	Results
Not available	Chemical not classified as hazardous according CLP / GHS.

### 11.11. Specific effects

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP / GHS.

## 12 – ECOLOGICAL INFORMATION

### 12.1. Toxicity

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP / GHS.

**12.2. Persistence and degradability:** Not available.

**12.3. Bioaccumulative potential:** Not available.

**12.4. Mobility in soil:** Not available.

**12.5. Results of PBT and vPvB assessment:** Not available.

**12.6. Other adverse effects:** Not available.

## 13 – DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**13.1.1 Product / Packaging disposal:** Do not reuse the package. Dispose in compliance with local laws and regulation.

**Waste codes / waste designations according to LoW:** Not available.

**13.1.2 Waste treatment-relevant information:** Dispose in compliance with local laws and regulation.

**13.1.3 Sewage disposal-relevant information:** Dispose in compliance with local laws and regulation.

**13.1.4 Other disposal recommendations:** None.

**13.1.1. Appropriate disposal of contaminated packaging:** Dispose in compliance with local laws and regulation.



## SAFETY DATA SHEET

ACCORDING TO GLOBALLY HARMONIZED SYSTEM (GHS), REGULATION (EC)  
NO. 1907/2006 (REACH) AND REGULATION (EC) NO. 1272/2008 (CLP)

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### 14 –TRANSPORT INFORMATION

**14.1. UN number:**

Not regulated

**14.2. UN proper shipping name:**

Not applicable

**14.3. Transport hazard class:**

Not applicable

**14.4. Packaging group:**

Not applicable

**14.5. Environmental hazards:**

Not applicable

**14.6. Special precautions for user:**

None

**14.7. Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable.

Not regulated

### 15 – REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture:** None.

**15.2. Chemical Safety Assessment:** Not applicable.

**Additional Information:** None.

### 16 - OTHER INFORMATION

**16.1. Training advice:** Not required.

**16.2. Recommended restrictions on use:** None.

**16.3. Further information:**

Factory Address: Rua José de Oliveira Cassú, 447. Éden. Sorocaba. São Paulo. Brazil. CEP 18103-065

Phone: +55 (15) 2102-2000

Fax: +55 (15) 2102-2005

**16.4. Sources of key data used:**

NBR 14725 – Ficha técnica de Segurança de Produtos Químicos – FISPQ

ONU - GHS: Globally Harmonized System

Regulation (EC) Nº. 1907/2006 (REACH)

Regulation (EC) Nº. 1272/2008 (CLP)

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### 16.5. Revision Number:

#### 16.5.1. Subject of revision (added, deleted or revised information):

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions to the operations mentioned are beyond our control. The information relates only to the specific designated material and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. Chemyunion Química Ltda disclaims any liability for loss or damage resulting from the use of these data, information or suggestions. All of these data, information and suggestion are of good faith.

Document	Revision	00					
Alterations Report	Alterations Request	10442/15					