# Batiste Dry Shampoo - Texturizing (US GHS)

Safety Data Sheet

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## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Batiste Dry Shampoo - Texturizing (US GHS)

**Product Code:** 42015180

### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Leave on Hair Product

### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

Church & Dwight Co. Inc.
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-524-1328
www.churchdwight.com

### 1.4. Emergency Telephone Number

**Emergency Number** : For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and Canada)
For Chemical Emergency: VelocityEHS (800)255-3924 (North America) +1 (813)248-0585 (International)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

**GHS-US Classification**

| | |
|---|---|
| Flammable aerosol Category 2 | H223 |
| Gases under pressure Compressed gas | H280 |
| Simple Asphyxiant | SIAS |
| Hazardous to the aquatic environment - Acute Hazard Category 2 | H401 |
| Hazardous to the aquatic environment - Chronic Hazard Category 2 | H411 |

### 2.2. Label Elements

**GHS-US Labeling**

**Hazard Pictograms (GHS-US)** :

GHS02 GHS04 GHS09

**Signal Word (GHS-US)** : Warning

**Hazard Statements (GHS-US)** : H223 - Flammable aerosol.
H280 - Contains gas under pressure; may explode if heated.
H401 - Toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.
May displace oxygen and cause rapid suffocation.

**Precautionary Statements (GHS-US)** : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P273 - Avoid release to the environment.
P391 - Collect spillage.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Contact with gas escaping the container can cause frostbite.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name | Synonyms | Product Identifier | % | GHS US classification |
|---|---|---|---|---|
| n-Butane | Butane / BUTANE | (CAS-No.) 106-97-8 | 30 - 60 | Flam. Gas 1, H220<br>Press. Gas (Liq.), H280<br>Simple Asphy, SIAS |
| 1,1-Difluoroethane | Ethane, 1,1-difluoro- / Ethylidene difluoride / Fluorocarbon 152a / Halocarbon 152A / HFC 152a / Refrigerant gas R 152a / HFC-152a / Hydrofluorocarbon 152a / Freon 152a / HYDROFLUOROCARBON 152A / 1,1-Difluoroethylene | (CAS-No.) 75-37-6 | 15 - 40 | Flam. Gas 1, H220<br>Press. Gas (Liq.), H280<br>Simple Asphy, SIAS |
| Ethyl alcohol | Methylcarbinol / Ethanol / ALCOHOL / Grain alcohol / Alcohol / Alcohol anhydrous | (CAS-No.) 64-17-5 | 3 - 7 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319 |
| Starch | Wheat starch / High amylose cornstarch / Starch, edible / ORYZA SATIVA (RICE) STARCH / Avena sativa (oat) starch / Solanum tuberosum starch / Starch (High-polymeric carbohydrate material usually derived from cereal grains such as corn, wheat and sorghum, and from roots and tubers such as potatoes and tapioca. Includes starch which has been pregelatinized by heating in the presence of water.) / High amylose maize resistant starch / Zea mays (corn) starch / Topical starch / ORYZA SATIVA STARCH / SOLANUM TUBEROSUM STARCH / TAPIOCA STARCH / TRITICUM VULGARE STARCH / ZEA MAYS STARCH / Corn starch / AVENA SATIVA STARCH / Starches / Pregelatinized potato starch / Starches (cornstarch, potato starch, tapioca starch, wheat starch) / Tapioca starch / Starch, potato | (CAS-No.) 9005-25-8 | 1 - 5 | Comb. Dust |
| Silica, amorphous | Amorphous silica / Silica / Silica, amorphous, fumed / Silica, colloidal / Silicon dioxide / Silicon dioxide, amorphous / SILICA / Silicon(IV) oxide / Un-crystalline silica / Pigment White 27 / Silicon dioxide (amorphous) / Silicon dioxide amorphous / Silicon(IV)oxide / Silica amorphous / Silicon dioxide containing crystalline and amorphous / Fumed silica / SOLUM DIATOMEAE / silicon dioxide | (CAS-No.) 7631-86-9 | 0.1 - 1 | Not classified |
| 1,2,3-Propanetriol | Propane-1,2,3-triol / Glycerine / Glycerin / GLYCERIN / 1,2,3-Trihydroxypropane / Glycerol | (CAS-No.) 56-81-5 | 0.01 – 0.1 | Not classified |

| | | | | |
|---|---|---|---|---|
| 2-tert-Butylcyclohexyl acetate | Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate / Acetate, 2-tert-butylcyclohexyl / 1-Acetoxy-2-tert-butylcyclohexane / 2-tert-Butylcyclohexanol acetate / 2-(1,1-Dimethylethyl)cyclohexanol acetate / Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate / 2-T-BUTYLCYCLOHEXYL ACETATE / Reaction mass of cis-2-tert-butylcyclohexyl acetate and trans-2-tert-butylcyclohexyl acetate / Verdox / o-tert-Butylcyclohexyl acetate / 2-tert-Butylcyclohexan-1-yl acetate / 2-tert-butylcyclohexyl acetate | (CAS-No.) 88-41-5 | 0.003 - 0.011 | Flam. Liq. 4, H227<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| Benzyl acetate | Acetic acid, benzyl ester / Acetic acid, phenylmethyl ester / Benzyl ethanoate / Phenylmethyl acetate / BENZYL ACETATE | (CAS-No.) 140-11-4 | 0.001 - 0.003 | Flam. Liq. 4, H227<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412 |
| 3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- | .alpha.-Isomethylionone / 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one / 4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-one / Isomethyl-.alpha.-ionone / .alpha.-Cetone / .alpha.-ISOMETHYL IONONE / ALPHA-ISOMETHYL IONONE / (3E)-3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one / .alpha.-Isomethyl ionone / 3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one / .gamma.-Methyl ionone / (E)-3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one | (CAS-No.) 127-51-5 | 0.001 - 0.003 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | 2,6-Di-tert-butyl-p-cresol / BHT / 2,6-Bis(1,1-dimethylethyl)-4-methylphenol / Butylated hydroxytoluene / DBPC / 2,6-Di-tert-butyl-4-methylphenol / Ionol / Phenol, 2,6-di-tert-butyl-4-methyl- / 2,6-Di-tert-butyl-4-cresol / Di-tert-butyl-p-cresol / 3,5-Di-tert-butyl-4-hydroxytoluene / Butylhydroxytoluene / 2,6-Di(dimethylethyl)-4-methylphenol / 2,6-Di-tertiary-butyl-para-cresol / 2,6-Di-tert-butyl-4-hydroxytoluene | (CAS-No.) 128-37-0 | <0.001 | Eye Irrit. 2B, H320<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>Comb. Dust |

* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200. Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). Full text of H-statements: see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** Obtain medical attention if breathing difficulty persists. First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing.

**First-aid Measures After Skin Contact:** Immediately remove contaminated clothing. If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists. For brief contact with a small amount: Rewarm with body heat. Get immediate medical advice/attention. For extensive contact or a large amount: Immediately call a poison center/doctor and follow their advice. Specific treatment is urgent, incorrect first-aid practices will aggravate the injury. Protect affected area with a loose cover until proper medical treatment is received.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion:** Though risk of ingestion is extremely unlikely, in case of frostbite or freeze burns due to oral exposure seek immediate medical attention. Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Contact with gas escaping the container can cause frostbite. Asphyxia by lack of oxygen: risk of death.

**Symptoms/Injuries After Inhalation:** In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

**Symptoms/Injuries After Skin Contact:** Contact with gas escaping the container can cause frostbite and freeze burns.

**Symptoms/Injuries After Eye Contact:** Contact with gas escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Symptoms/Injuries After Ingestion:** Not considered a potential route of exposure, but contact with gas escaping the container can cause freeze burns and frostbite.

**Chronic Symptoms:** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide ($CO_2$), alcohol-resistant foam, dry chemical, or sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Flammable aerosol.

**Explosion Hazard:** Container may explode in heat of fire. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Fight fire remotely due to the risk of explosion. DO NOT fight fire when fire reaches containers. Evacuate area.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Hydrogen Fluoride (HF). Carbon oxides (CO, $CO_2$).

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, or spray.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Eliminate ignition sources first, then ventilate the area. Evacuate unnecessary personnel, isolate, and ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Stop leak, if possible without risk. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Stop the source of the release, if safe to do so. Consider the use of water spray to disperse vapors. Isolate the area until gas has dispersed. Ventilate and gas test area before entering. Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Do not pressurize, cut, or weld containers. Ruptured cylinders may rocket. Pressurized container: may burst if heated. Do not pierce or burn, even after use. Asphyxiating gas at high concentrations.

**Precautions for Safe Handling:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Do not spray on an open flame or other ignition source. Do not breathe gas.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep only in the original container in a cool, well ventilated place away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Leave on Hair Product

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

| **1,1-Difluoroethane (75-37-6)** | | |
|---|---|---|
| **USA AIHA** | WEEL TWA [ppm] | 1000 ppm |

| **n-Butane (106-97-8)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH OEL STEL [ppm] | 1000 ppm (explosion hazard (Butane, isomers) |
| **USA NIOSH** | NIOSH REL (TWA) | 1900 mg/m³ |
| **USA NIOSH** | NIOSH REL TWA [ppm] | 800 ppm |
| **USA IDLH** | IDLH [ppm] | 1600 ppm (>10% LEL) |

| **Ethyl alcohol (64-17-5)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH OEL STEL [ppm] | 1000 ppm |
| **USA ACGIH** | ACGIH chemical category | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| **USA NIOSH** | NIOSH REL (TWA) | 1900 mg/m³ |
| **USA NIOSH** | NIOSH REL TWA [ppm] | 1000 ppm |
| **USA IDLH** | IDLH [ppm] | 3300 ppm (10% LEL) |
| **USA OSHA** | OSHA PEL (TWA) [1] | 1900 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) [2] | 1000 ppm |

| **Benzyl acetate (140-11-4)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH OEL TWA [ppm] | 10 ppm |
| **USA ACGIH** | ACGIH chemical category | Not Classifiable as a Human Carcinogen |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH OEL TWA | 2 mg/m³ (inhalable fraction and vapor) |
| **USA ACGIH** | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| **USA NIOSH** | NIOSH REL (TWA) | 10 mg/m³ |

| **Starch (9005-25-8)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH OEL TWA | 10 mg/m³ |
| **USA ACGIH** | ACGIH chemical category | Not Classifiable as a Human Carcinogen |

| | | |
|---|---|---|
| **USA NIOSH** | NIOSH REL (TWA) | 10 mg/m³ (total dust)<br>5 mg/m³ (respirable dust) |
| **USA OSHA** | OSHA PEL (TWA) [1] | 15 mg/m³ (total dust)<br>5 mg/m³ (respirable fraction) |

| **Silica, amorphous (7631-86-9)** | | |
|---|---|---|
| **USA NIOSH** | NIOSH REL (TWA) | 6 mg/m³ |
| **USA IDLH** | IDLH | 3000 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) [1] | 6 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) [2] | 20 mppcf (80mg/m³/%$SiO_2$) |

| **1,2,3-Propanetriol (56-81-5)** | | |
|---|---|---|
| **USA OSHA** | OSHA PEL (TWA) [1] | 15 mg/m³ (mist, total particulate)<br>5 mg/m³ (mist, respirable fraction) |

### 8.2. Exposure Controls

**Appropriate Engineering Controls** : For occupational/workplace settings: . Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Use explosion-proof equipment. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Oxygen detectors should be used when asphixiating gases may be released.

**Personal Protective Equipment** : For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Respiratory protection of the dependent type.

**Materials for Protective Clothing** : For occupational/workplace settings: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection** : For occupational/workplace settings: Wear protective gloves. If material is cold, wear thermally resistant protective gloves.

**Eye and Face Protection** : For occupational/workplace settings: Faceshield as determined by task. Chemical safety goggles.

**Skin and Body Protection** : For occupational/workplace settings: Wear suitable protective clothing.

**Respiratory Protection** : For occupational/workplace settings: Use a NIOSH-approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Thermal Hazard Protection** : Wear thermally resistant protective clothing.

**Other Information** : When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State** : Gas

**Appearance** : Colorless.

**Odor** : No data available

**Odor Threshold** : No data available

**pH** : No data available

**Evaporation Rate** : No data available

**Melting Point** : No data available

**Freezing Point** : No data available

**Boiling Point** : No data available

**Flash Point** : No data available

**Auto-ignition Temperature** : No data available

**Decomposition Temperature** : No data available

**Flammability** : No data available

**Vapor Pressure** : No data available

**Relative Vapor Density at 20°C** : No data available

**Relative Density** : No data available

**Solubility** : Insoluble in water.

**Partition Coefficient: N-Octanol/Water** : No data available

**Viscosity** : No data available

**Explosive Properties** : Contains gas under pressure; may explode if heated.

### 9.2. Other Information

**Gas Group** : Compressed gas

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### 10.2. Chemical Stability

Contains gas under pressure; may explode if heated. Flammable aerosol.

### 10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

### 10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products

Thermal decomposition may produce: Hydrogen fluoride. Carbon oxides (CO, $CO_2$).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

| **1,1-Difluoroethane (75-37-6)** | |
|---|---|
| **LC50 Inhalation Rat** | 437500 ppm/4h |

| **n-Butane (106-97-8)** | |
|---|---|
| **LC50 Inhalation Rat** | 30957 mg/m³ (Exposure time: 4 h) |
| **LC50 Inhalation Rat** | 276798.8 ppm |

| **Ethyl alcohol (64-17-5)** | |
|---|---|
| **LD50 Oral Rat** | 10470 mg/kg |
| **LD50 Dermal Rat** | 20 ml/kg |
| **LC50 Inhalation Rat** | 124.7 mg/L/4h |

| **2-tert-Butylcyclohexyl acetate (88-41-5)** | |
|---|---|
| **LD50 Oral Rat** | 4600 mg/kg |
| **LD50 Dermal Rabbit** | > 5000 mg/kg |

| **Benzyl acetate (140-11-4)** | |
|---|---|
| **LD50 Oral Rat** | 2490 mg/kg |
| **LD50 Dermal Rabbit** | > 5000 mg/kg |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** | |
|---|---|
| **LD50 Oral Rat** | > 2930 mg/kg (Species: Sprague-Dawley) |
| **LD50 Dermal Rat** | > 2000 mg/kg |

| **3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)** | |
|---|---|
| **LD50 Oral Rat** | > 5000 mg/kg |
| **LD50 Dermal Rabbit** | > 5000 mg/kg |

| **Silica, amorphous (7631-86-9)** | |
|---|---|
| **LD50 Oral Rat** | 7900 mg/kg |
| **LD50 Dermal Rabbit** | > 2000 mg/kg (No deaths) |

| **1,2,3-Propanetriol (56-81-5)** | |
|---|---|
| **LD50 Oral Rat** | 12600 mg/kg |
| **LD50 Dermal Rabbit** | > 10 g/kg |

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

| **Benzyl acetate (140-11-4)** | |
|---|---|
| **IARC group** | 3 |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** | |
|---|---|
| **IARC group** | 3 |

| **Silica, amorphous (7631-86-9)** | |
|---|---|
| **IARC group** | 3 |

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

**Symptoms/Injuries After Skin Contact:** Contact with gas escaping the container can cause frostbite and freeze burns.

**Symptoms/Injuries After Eye Contact:** Contact with gas escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Symptoms/Injuries After Ingestion:** Not considered a potential route of exposure, but contact with gas escaping the container can cause freeze burns and frostbite.

**Chronic Symptoms:** None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Toxic to aquatic life with long lasting effects.

| **1,1-Difluoroethane (75-37-6)** | |
|---|---|
| **LC50 Fish 1** | 733 mg/L |
| **EC50 - Crustacea [1]** | 720 mg/L |
| **ErC50 (Algae)** | 419 mg/L |

| **Ethyl alcohol (64-17-5)** | |
|---|---|
| **LC50 Fish 1** | 11200 mg/L |
| **EC50 - Crustacea [1]** | 9268 – 14221 mg/L (Exposure time: 48 h - Species: Daphnia magna) |
| **LC50 Fish 2** | > 100 mg/L (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| **ErC50 (Algae)** | 1000 mg/L |
| **NOEC Chronic Crustacea** | 9.6 mg/L |

| **Benzyl acetate (140-11-4)** | |
|---|---|
| **LC50 Fish 1** | 4 mg/L |
| **NOEC Chronic Fish** | 0.92 mg/L |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** | |
|---|---|
| **EC50 - Crustacea [1]** | 0.48 mg/L (Exposure time: 48 h - Species: Daphnia magna) |
| **EC50 Other Aquatic Organisms 2** | 0.43 mg/L (Exposure time: 72 h - Species: Desmodesmus subspicatus) |
| **NOEC Chronic Fish** | 0.053 mg/L |
| **NOEC Chronic Crustacea** | 0.069 mg/L (Species: Daphnia magna) |

| **Silica, amorphous (7631-86-9)** | |
|---|---|
| **LC50 Fish 1** | 5000 mg/L (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| **EC50 - Crustacea [1]** | 7600 mg/L (Exposure time: 48 h - Species: Ceriodaphnia dubia) |

| **1,2,3-Propanetriol (56-81-5)** | |
|---|---|
| **LC50 Fish 1** | 54000 (51000 – 57000) mg/L (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

### 12.2. Persistence and Degradability

| **Batiste Dry Shampoo - Texturizing (US GHS)** |
|---|

| | |
|---|---|
| **Persistence and Degradability** | May cause long-term adverse effects in the environment. |

### 12.3. Bioaccumulative Potential

| **Batiste Dry Shampoo - Texturizing (US GHS)** | |
|---|---|
| **Bioaccumulative Potential** | Not established. |

| **n-Butane (106-97-8)** | |
|---|---|
| **Partition coefficient n-octanol/water (Log Pow)** | 2.31 at 20 °C (68 °F) (at pH 7) |

| **Ethyl alcohol (64-17-5)** | |
|---|---|
| **Partition coefficient n-octanol/water (Log Pow)** | -0.35 at 24 °C (75.2 °F) (at pH 7.4) |

| **Benzyl acetate (140-11-4)** | |
|---|---|
| **Partition coefficient n-octanol/water (Log Pow)** | 1.96 at 25 °C (77 °F) (at pH 7) |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** | |
|---|---|
| **BCF Fish 1** | 230 – 2500 |
| **Partition coefficient n-octanol/water (Log Pow)** | 5.1 |

| **3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)** | |
|---|---|
| **Partition coefficient n-octanol/water (Log Pow)** | 4.288 at 25 °C(77 °F) (at pH 4.7) |

| **Silica, amorphous (7631-86-9)** | |
|---|---|
| **BCF Fish 1** | (no bioaccumulation expected) |

| **1,2,3-Propanetriol (56-81-5)** | |
|---|---|
| **BCF Fish 1** | (no bioaccumulation) |
| **Partition coefficient n-octanol/water (Log Pow)** | -1.75 at 25 °C (77 °F) (at pH 7.4) |

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Treatment Methods:** Material should be recycled if possible.

**Sewage Disposal Recommendations:** Do not dispose of waste into sewer. Do not empty into drains.

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations. Do not pierce or burn, even after use.

**Additional Information:** Hazardous waste (ignitable) due to the presence of flammable liquids and gases. Container may remain hazardous when empty. Continue to observe all precautions. Do not puncture or incinerate container.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

**Proper Shipping Name** : AEROSOLS
**Hazard Class** : 2.1
**Identification Number** : UN1950
**Label Codes** : 2.1


**Marine Pollutant** : Marine pollutant
**ERG Number** : 126

### 14.2. In Accordance with IMDG

**Proper Shipping Name** : AEROSOLS
**Hazard Class** : 2
**Division** : 2.1

**Identification Number** : UN1950
**Label Codes** : 2.1
**EmS-No. (Fire)** : F-D
**EmS-No. (Spillage)** : S-U

**Marine Pollutant** : Marine pollutant

### 14.3. In Accordance with IATA

**Proper Shipping Name** : AEROSOLS, FLAMMABLE
**Identification Number** : UN1950
**Hazard Class** : 2
**Label Codes** : 2.1

**Division** : 2.1
**ERG Code (IATA)** : 10L

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

| **Batiste Dry Shampoo - Texturizing (US GHS)** | |
|---|---|
| **SARA Section 311/312 Hazard Classes** | Physical hazard - Gas under pressure<br>Physical hazard - Flammable (gases, aerosols, liquids, or solids)<br>Health hazard - Simple asphyxiant |

| **1,1-Difluoroethane (75-37-6)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **n-Butane (106-97-8)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **Ethyl alcohol (64-17-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **2-tert-Butylcyclohexyl acetate (88-41-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **Benzyl acetate (140-11-4)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- (127-51-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **Starch (9005-25-8)** | |
|---|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active | |
| **EPA TSCA Regulatory Flag** | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |

| **Silica, amorphous (7631-86-9)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

| **1,2,3-Propanetriol (56-81-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active |

### 15.2. US State Regulations

| **1,1-Difluoroethane (75-37-6)** |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Massachusetts - Right To Know List |

| **n-Butane (106-97-8)** |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

| **Ethyl alcohol (64-17-5)** |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

| **Benzyl acetate (140-11-4)** |
|---|

| |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |

| **Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (128-37-0)** |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

| **Starch (9005-25-8)** |
|---|
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

| **Silica, amorphous (7631-86-9)** |
|---|
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

| **1,2,3-Propanetriol (56-81-5)** |
|---|
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |
| U.S. - Massachusetts - Right To Know List |

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 11/03/2022

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Full Text Phrases:**

| | |
|---|---|
| H220 | Extremely flammable gas |
| H223 | Flammable aerosol |
| H225 | Highly flammable liquid and vapor |
| H227 | Combustible liquid |
| H280 | Contains gas under pressure; may explode if heated |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

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