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Material Safety Data Sheet

Base - Vanishing Cream MSDS

Section 1: Chemical Product and Company Identification

Product Name: Base - Vanishing Cream

Catalog Codes: SLB3874

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Stearyl alcohol; Glycerol monostearate; Polyoxyl 20 cetostearyl ether; Sorbitol; Isopropyl palmitate; Methyl paraben; Propyl paraben; Captan; Water

CI#: Not applicable.

Synonym:

Chemical Name: Not applicable.

Chemical Formula: Not applicable.

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Stearyl alcohol	112-92-5	16.1-16.3
Cetyl alcohol	36653-82-4	0.875-1.23
Myristic alcohol	112-72-1	0.07-0.245
Dodecyl alcohol	112-53-8	0-0.07
Glycerol monostearate	31566-31-1	2
Polyoxyl 20 cetostearyl ether	9005-00-9	3
Sorbitol	50-70-4	10
Isopropyl palmitate	142-91-6	2
Methyl paraben	99-76-3	0.16
Propyl paraben	94-13-3	0.4
Captan	133-06-2	0.5
Water	7732-18-5	64.4

Toxicological Data on Ingredients: Stearyl alcohol: Acute: 20000 mg/kg [Rat]. Cetyl alcohol LD50: Not available. LC50: Not available. Myristic alcohol LD50: Not available. LC50: Not available. Glycerol monostearate LD50: Not available. LC50: Not

available. Polyoxyl 20 cetostearyl ether: ORAL (LD50): Acute: 1900 mg/kg [Rat]. Sorbitol: ORAL (LD50): Acute: 15900 mg/kg [Rat]. Methyl paraben: ORAL (LD50): Acute: 501 mg/kg [Rat]. 8001 mg/kg [Mouse]. Propyl paraben: ORAL (LD50): Acute: 7500 mg/kg [Mouse]. Captan: ORAL (LD50): Acute: 9000 mg/kg [Rat]. 7000 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of ingestion. Slightly hazardous in case of skin contact (permeator), of inhalation. Non-corrosive for skin.

Potential Chronic Health Effects:

Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation. Non-corrosive for skin. CARCINOGENIC EFFECTS: Classified + (Proven.) by OSHA [Captan]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver, mucous membranes, gastrointestinal tract, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: The lowest known value is CLOSED CUP: 110°C (230°F). (Isopropyl palmitate)

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), halogenated compounds.

Fire Hazards in Presence of Various Substances:

Flammable in presence of open flames and sparks. Non-flammable in presence of shocks, of organic materials, of metals, of acids, of alkalis. Because of the large amount of water contained in the product, the product might be combustible only after partial or complete evaporation.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage**Precautions:**

Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Captan TWA: 5 CEIL: 15 Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Emulsion liquid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Not available.

pH (1% soln/water): Neutral.

Boiling Point: The lowest known value is 100°C (212°F) (Water).

Melting Point: May start to solidify at 13.5°C (56.3°F) based on data for: Isopropyl palmitate.

Critical Temperature: Not available.

Specific Gravity: Weighted average: 0.99 (Water = 1)

Vapor Pressure: The highest known value is 2.3 kPa (@ 20°C) (Water).

Vapor Density: The highest known value is 0.62 (Air = 1) (Water).

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil.

Ionicity (in Water): Not available.

Dispersion Properties:

Is not dispersed in cold water, hot water, methanol, diethyl ether, n-octanol. See solubility in methanol, diethyl ether, acetone.

Solubility:

Easily soluble in diethyl ether. Soluble in methanol, acetone. Very slightly soluble in n-octanol. Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Slightly reactive to reactive with oxidizing agents.

Corrosivity:

Non-corrosive in presence of glass, of aluminum, of zinc, of copper, of stainless steel(304), of stainless steel(316).

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 1900 mg/kg [Rat]. (Polyoxyl 20 cetostearyl ether).

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified + (Proven.) by OSHA [Captan].

Other Toxic Effects on Humans:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (permeator), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract. (Myristic alcohol)

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation:

Decomposes and burns to form smoke, carbon monoxide and carbon dioxide. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. (Propyl paraben)

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Captan California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Captan Pennsylvania RTK: Captan Florida: Captan Minnesota: Captan Massachusetts RTK: Captan New Jersey: Captan TSCA 8(b) inventory: Stearyl alcohol; Glycerol monostearate; Polyoxyl 20 cetostearyl ether; Sorbitol; Isopropyl palmitate; Methyl paraben; Propyl paraben; Captan; Water SARA 313 toxic chemical notification and release reporting: Captan 0.5% CERCLA: Hazardous substances.: Captan;

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R36- Irritating to eyes. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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