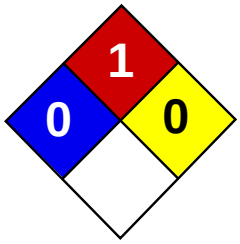

Health	0
Fire	0
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

Base - 20% Carbamide Ointment w/20%Urea MSDS

Section 1: Chemical Product and Company Identification

Product Name: Base - 20% Carbamide Ointment w/20%Urea

Catalog Codes: SLB1303

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Urea; Stearyl alcohol; Petrolatum; Isopropyl palmitate; Sorbitol; Propylene glycol; L-(+)-Lactic acid; Sodium lauryl sulfate; Methyl paraben; 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
Urea	57-13-6	20
Stearyl alcohol	112-92-5	16
Petrolatum	8009-03-8	16
Isopropyl palmitate	142-91-6	0.4
Sorbitol	50-70-4	0-8
Propylene glycol		
	57-55-6	0-8
{L-(+)-}Lactic acid	79-33-4	0.5
Sodium lauryl sulfate	151-21-3	1
Methyl paraben	99-76-3	0.2
Water	7732-18-5	37.9

Toxicological Data on Ingredients: Urea: Acute: 8471 mg/kg [Rat]. 11000 mg/kg [Mouse]. Stearyl alcohol: Acute: 20000 mg/kg [Rat]. Sorbitol: ORAL (LD50): Acute: 15900 mg/kg [Rat]. Propylene glycol: ORAL (LD50): Acute: 20000 mg/kg [Rat].

22000 mg/kg [Mouse]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit]. L-(+)-Lactic acid: ORAL (LD50): Acute: 3730 mg/kg [Rat]. 1870 mg/kg [Guinea pig]. Sodium lauryl sulfate: ORAL (LD50): Acute: 1288 mg/kg [Rat.]. Methyl paraben: ORAL (LD50): Acute: 501 mg/kg [Rat]. 8001 mg/kg [Mouse].

Section 3: Hazards Identification

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

Potential Chronic Health Effects:
Slightly hazardous in case of ingestion, of inhalation. Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs. 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. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

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: The lowest known value is 410°C (770°F) (Propylene glycol).

Flash Points:
The lowest known value is CLOSED CUP: 99°C (210.2°F). OPEN CUP: 105°C (221°F). (Cleveland). (Propylene glycol)

Flammable Limits: The greatest known range is LOWER: 2.6% UPPER: 12.6% (Propylene glycol)

Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...), sulfur oxides (SO2, SO3...).

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat, of oxidizing materials. Non-flammable in presence of shocks, of reducing materials, of combustible materials, of organic materials, of metals, of acids, of alkalis.

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: When heated to decomposition it emits acrid smoke and irritating fumes. (Propylene glycol)

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

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.

Section 7: Handling and Storage

Precautions:
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. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

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. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: 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). Weighted average: 108.5°C (227.3°F)

Melting Point: May start to solidify at -59°C (-74.2°F) based on data for: Propylene glycol.

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). Weighted average: 2.08 kPa (@ 20°C)

Vapor Density: The highest known value is 2.62 (Air = 1) (Propylene glycol). Weighted average: 0.81 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether.

Solubility:
Easily soluble in cold water, hot water, methanol. Soluble in diethyl ether.

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 steel, of stainless steel(304), of stainless steel(316).

Special Remarks on Reactivity: Hygroscopic; keep container tightly closed. Incompatible with chloroformates. (Propylene glycol)

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
Acute oral toxicity (LD50): 1288 mg/kg [Rat.]. (Sodium lauryl sulfate). Acute dermal toxicity (LD50): 20800 mg/kg [Rabbit]. (Propylene glycol).

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Passes through the placental barrier in human. (Urea)

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

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 ia s potential dust explosion hazard. (Methyl 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:
Pennsylvania RTK: Propylene glycol TSCA 8(b) inventory: Urea; Stearyl alcohol; Petrolatum; Isopropyl palmitate; Sorbitol; Propylene glycol; L-(+)-Lactic acid; Sodium lauryl sulfate; Methyl paraben; Water

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): R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

Personal Protection: h

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

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. 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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