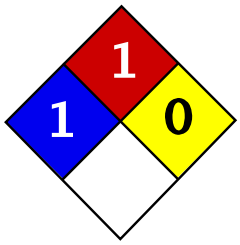

Health	1
Fire	1
Reactivity	0
Personal Protection	B

Material Safety Data Sheet
Base, Cream with Liposome MSDS

Section 1: Chemical Product and Company Identification

Product Name: Base, Cream with Liposome

Catalog Codes: SLB1063

CAS#: Mixture.

RTECS: Not applicable.

TSCA: TSCA 8(b) inventory: Water; Glycerin; Glyceryl Monostearate; Cetyl alcohol; Magnesium aluminum silicate; Xanthan gum; Vitamin E acetate; Almond oil, bitter; Wheat germ oil; Vitamin A Palmitate; Ascorbyl palmitate; 2-Phenoxyethanol

CI#: Not available.

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 #	
Water	7732-18-5	The identity
Glycerin	56-81-5	of the individual
Perilla Frutescens Seed Oil		the components
C12-15 Alkyl Benzoate		of this mixture
Glyceryl Monostearate	31566-31-1	are proprietary
Dimethicone	9006-65-9	information are
Cetearyl Alcohol		are regarded as
Cetearyl Glucoside		a trade secret.
Polyacrylamide		
Cetyl alcohol	36653-82-4	
Magnesium aluminum silicate	1327-43-1 or 12499-37-0	
Xanthan gum	11138-66-2	
Aloe Vera (Aloe Barbadensis)		
Tocopheryl Acetate (Vitamin E acetate)	7695-91-2	
(Prunus Amygdalusl Amara) Almond oil, bitter	8013-76-1	
Grape (Vitis Vinifera) Seed Extract		
Wheat (Triticum Vulgare)germ oil		
Ascorbyl palmitate (Vitamin C Palmitate)	137-66-6	
Ethylenediaminetetraacetic acid tetrasodium salt	10378-23-1	
{2-}Phenoxyethanol	122-99-6	
Sodium Hydroxymethylglycinate		

Toxicological Data on Ingredients:
Glycerin:
ORAL (LD50): Acute: 12600 mg/kg [Rat]. 4090 mg/kg [Mouse].
DERMAL (LD50): Acute: 10000 mg/kg [Rabbit].
VAPOR (LC50): Acute: >570 mg/m3 1 hours [Rat].
Lysolecithin
LD50: Not available.
LC50: Not available.
Perilla Frutescens Seed Oil
LD50: Not available.
LC50: Not available.
C12-15 Alkyl Benzoate
LD50: Not available.
LC50: Not available.
Dimethicone
ORAL (LD50): Acute: >20000 mg/kg [Rat]
LC50: Not available.
Cetearyl Alcohol
LD50: Not available.
LC50: Not available.
Cetyl alcohol:
ORAL (LD50): Acute: 5000 mg/kg [Rat]. 3200 mg/kg [Mouse].
DERMAL (LD50): Acute: >2600 mg/kg [Rabbit].
Xanthan gum
LD50: Not available.

LC50: Not available.
Almond oil, bitter:
ORAL (LD50): Acute: 960 mg/kg [Rat].
DERMAL (LD50): Acute: 1220 mg/kg [Rabbit].
Vitamin A Palmitate:
ORAL (LD50): Acute: 7910 mg/kg [Rat]. 6060 mg/kg [Mouse].
Ascorbyl palmitate:
ORAL (LD50): Acute: 25000 mg/kg [Mouse].
DERMAL (LD50): Acute: >3000 mg/kg [Guinea pig].
Ethylenediaminetetraacetic acid tetrasodium salt:
ORAL (LD50): Acute: >2000 mg/kg [Rat].
2-Phenoxyethanol:
ORAL (LD50): Acute: 1260 mg/kg [Rat].
DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].

Section 3: Hazards Identification

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

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (irritant, sensitizer).
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. [Vitamin A Palmitate].
TERATOGENIC EFFECTS: Classified POSSIBLE for human [Vitamin A Palmitate].
DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male, Development toxin [POSSIBLE] [Vitamin A Palmitate].

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. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. 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: Not available.

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

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: CLOSED CUP: 193.33°C (380°F).

Flammable Limits: Not available.

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

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of heat.
Non-flammable in presence of open flames and sparks, of shocks, of reducing materials, of organic materials, of metals, of acids, of alkalis, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of static discharge: Not available.
Non-explosive in presence of shocks.

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: As with most organic solids, fire is possible at elevated temperatures

Special Remarks on Explosion Hazards:
Glycerin is incompatible with strong oxidizers such as chromium trioxide, potassium chlorate, or potassium permanganate and may explode on contact with these compounds.
Explosive glyceryl nitrate is formed from a mixture of glycerin and nitric and sulfuric acids. Perchloric acid , lead oxide + glycerin form perchloric esters which may be explosive.
Glycerin and chlorine may explode if heated and confined. (Glycerin)

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid. 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 away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

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

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Gloves.

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:
Glycerin
TWA: 10 (mg/m3) from ACGIH (TLV) [United States] [1999] Inhalation Total.
TWA: 15 (mg/m3) from OSHA (PEL) [United States] Inhalation Total.
TWA: 10 STEL: 20 (mg/m3) [Canada]
TWA: 5 (mg/m3) from OSHA (PEL) [United States] Inhalation Respirable.3
Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Opaque Smooth Gel Cream)

Odor: Odorless.

Taste: Not available.

Molecular Weight: Not applicable.

Color: Beige. (Light.)

pH (1% soln/water): Not available

Boiling Point: 100°C (212°F)

Melting Point: 116°C (240.8°F) based on data for: Ascorbyl palmitate. Weighted average: 82.65°C (180.8°F)

Critical Temperature: The lowest known value is 487.85°C (910.1°F) (Cetyl alcohol).

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

Vapor Pressure: Not applicable.

Vapor Density: >1 (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

Solubility: Soluble in cold water, hot water

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals:
Acute oral toxicity (LD50): 960 mg/kg [Rat]. (Almond oil, bitter).
Acute dermal toxicity (LD50): 1220 mg/kg [Rabbit]. (Almond oil, bitter).

Chronic Effects on Humans:
MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. [Vitamin A Palmitate].
TERATOGENIC EFFECTS: Classified POSSIBLE for human [Vitamin A Palmitate].
DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male, Development toxin [POSSIBLE] [Vitamin A Palmitate].
Contains material which may cause damage to the following organs: gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS).

Other Toxic Effects on Humans:
Slightly hazardous in case of ingestion.
Non-irritant for skin. Non-hazardous in case of inhalation.

Special Remarks on Toxicity to Animals:
TDL (rat) - Route: Oral; Dose: 100 mg/kg 1 day prior to mating.
TDL (human) - Route: Oral; Dose: 1428 mg/kg
(Glycerin)

Special Remarks on Chronic Effects on Humans: Not available

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects:
Skin: It is not expected to cause skin irritation. However, it may cause mild irritation on sensitive skin. It may be absorbed through the skin.
Eyes: May cause minimal eye irritation.
Ingestion: Low hazard. May cause nausea, vomiting, diarrhea. Contains Glycerin which may affect behavior/centeral nervous system/nervous system (central nervous system depression, general anesthetic, headache, dizziness, confusion, insomnia, toxic psychosis, muscle weakness, paralysis, convulsions), kidneys, liver, cardiovascular system. Contains Cetyl alcohol with may affect behavior/central nervous system (tremor, ataxia). Contains Vitamin A Palmitate with may affect the liver, and behavior/central nervous system (somnolence). Contains Vitamin C Palmitate with may affect the kidneys. Conatins Vitamin E Acetate affect behavior/central nervous system (weakness, fatigue).
Inhalation: Not expected to be an inhalation hazard and not expected to cause respiratory tract irritation when handling the product as is. If the cream is boiled, the vapor may cause respiratory tract irritation. Breathing high concentrations of the boiling vapor may affect behavior/central nervous system (anesthetic affects).
Chronic Potential Health Effects:
Skin: For sensitive skin, repeated long term immersion (skin contact) may cause mild dermatitis.
Ingestion: Repeated daily dosing of large amounts may cause nausea, vomiting, diarrhea, and affect the liver. Contains Glycerin which may affect the blood (changes in blood serum composition, changes in white blood cell count), in addition to the kidneys Contains Cetyl Alcohol which can affect behavior/central nervous system (tremor, ataxia, and other CNS effects). Contains Vitamin C Palmitate which may affect the kidneys.

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 less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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:
Illinois toxic substances disclosure to employee act: Glycerin
Rhode Island RTK hazardous substances: Glycerin
Pennsylvania RTK: Glycerin; 2-Phenoxyethanol
Minnesota: Glycerin
Massachusetts RTK: Glycerin
TSCA 8(b) inventory: Water; Glycerin; Glyceryl Monostearate; Cetyl alcohol; Magnesium aluminum silicate; Xanthan gum; Vitamin E acetate; Almond oil, bitter; Wheat germ oil; Vitamin A Palmitate; Ascorbyl palmitate; 2-Phenoxyethanol

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

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
Not available
Not available

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: B

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

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves.
Lab coat.
Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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