

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Bio-Derm

### Recommended use of the chemical and restrictions on use

**Recommended use** Hand soap  
**Restrictions on use** For industrial use only

### Supplier details

West Penetone Inc.  
10900 Secant  
Montreal, QC,  
H1J 5S1  
Tel: 514-355-4660

### Emergency Telephone Number

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

|                       |             |
|-----------------------|-------------|
| Eye damage/Irritation | Category 2B |
|-----------------------|-------------|

### Label Elements

#### **WARNING**

**Hazard Statements**  
Causes eye irritation



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Name                  | CAS-No     | Weight % |
|--------------------------------|------------|----------|
| Triethanolamine lauryl sulfate | 139-96-8   | 5-10     |
| Amide polyglycol ether         | 85536-23-8 | 1-5      |
| Cocoamidopropyl betaine        | 61789-40-0 | 1-5      |
|                                |            |          |

**4. FIRST AID MEASURES**

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin contact</b> | Rinse skin with water.   |
| <b>Inhalation</b>   | Not applicable   |
| <b>Ingestion</b>    | Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.           |

**Most important symptoms and effects, both acute and delayed**

Causes irritation to eyes. Symptoms include tingling sensation and / or reddening.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

None known.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Not required.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Rinse area with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** No special measures required.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

None of the constituents in this product have a known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Not required.

**Skin and body protection** Not required.

**Respiratory Protection** Not required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Creamy, white viscous liquid

### **ODOR**

Perfumed

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

6.5-8.0

### **MELTING POINT / FREEZING POINT :**

Not available

### **BOILING POINT/BOILING RANGE :**

100°C

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.02

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

2000 cps @ 22°C

**FLAMMABLE LIMITS :****UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

None.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

None

**Hazardous decomposition products**

None

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

| Chemical Name                              | LD50 Oral          | LD50 Dermal           | LC50 Inhalation |
|--|--------------------|-----------------------|-----------------|
| Triethanolamine lauryl sulfate<br>139-96-8 | No data available  | No data available     | Not applicable  |
| Amide polyglycol ether<br>85536-23-8       | > 2000 mg/kg (rat) | > 2000 mg/kg (rabbit) | Not applicable  |
| Cocoamidopropyl betaine<br>61789-40-0      | > 2000 mg/kg (rat) | > 2000 mg/kg (rabbit) | Not applicable  |

**Information on likely sources of exposure****Serious eye damage/irritation**

Causes eye irritation.

**Skin corrosion/irritation**

May cause skin irritation after prolonged exposure.

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

Not a sensitizer.

**Germ cell mutagenicity**

None known.

**Carcinogenicity**

None known.

**Reproductive toxicity**

None known.

**STOT - single exposure**

None known.

**STOT-repeated exposure**

None known.

**Aspiration Hazard**

None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of eyes.

**12. ECOLOGICAL INFORMATION****Persistence and degradability**

> 60% biodegradability in 28 days (readily biodegradable), COD 0.31 mg O2/mg

**Ecotoxicity**

No information available

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL  
UL 2784 - Ecologo Standard for Sustainability for Hand Cleaners

**16. OTHER INFORMATION****Preparation Date**

January 2, 2017

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**