

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

PreCision Dermatology, Inc.  
900 Highland Corporate Drive  
Cumberland, RI 02864  
Emergency Number: 1-888-713-8154

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

The product may cause allergic or sensitivity reaction for individuals sensitive to one or more of the components.

### Potential Health Effects: Eyes

May cause irritation and stinging or burning.

### Potential Health Effects: Skin

Allergic or sensitivity reactions are possible, causing irritation or redness.

### Potential Health Effects: Ingestion

Not a likely route of entry. If swallowed may cause gastrointestinal discomfort.

### Potential Health Effects: Inhalation

May cause respiratory irritation in some sensitive individuals.

### HMIS Ratings: Health: 0 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component
7732-18-5	Water
811-97-2	1,1,1,2-Tetrafluoroethane
56-81-5	Glycerin
29806-73-3	Hexadecanoic acid, 2-ethylhexyl ester
67762-27-0	Alcohols, C16-18
57-55-6	1,2-Propylene glycol
2197-63-9	1-Hexadecanol, hydrogen phosphate
394236-97-6	Fats and Glyceridic oils, Theobroma grandiflorum
Not Available	Dimethicone
8009-03-8	Petrolatum
50643-20-4	Polyethylene glycol hexadecyl ether phosphate
9005-00-9	Polyoxyethylene monooleyl ether
7695-91-2	DL-alpha tocopheryl acetate
99-76-3	Methyl p-hydroxybenzoate
1310-73-2	Sodium hydroxide
6381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate
94-13-3	Propyl-p-hydroxybenzoate
9067-32-7	Hyaluronic acid, sodium salt

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Remove contact lenses. Immediately flush eyes with water for at least 15 minutes, while holding eyelids open.

Seek medical attention at once.

### First Aid: Skin

Immediately take off all contaminated clothing. Physically remove as much of product as possible and thoroughly wash the area with soap and water. If irritation persists, get medical attention.

### First Aid: Ingestion

Do not induce vomiting unless directed to do so by medical personnel.

### First Aid: Inhalation

None necessary.

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.  
None identified.

### Hazardous Combustion Products

Burning may produce toxic gases.

### Extinguishing Media

Use any media suitable for the surrounding fires.

### Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

Scoop material and place in a suitable container for disposal. Use soap and water to clean spill area.

### Evacuation Procedures

None necessary.

### Special Procedures

Wear appropriate personal protective equipment.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid getting this material into contact with your eyes. Contents under pressure. Do not puncture or incinerate. Keep out of reach of children. Wash thoroughly after handling.

### Storage Procedures

Controlled room temperature (59-86°F). Do not expose to temperatures above 120°F (49°C). Protect from freezing.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

#### Glycerin (56-81-5)

ACGIH: 10 mg/m<sup>3</sup> TWA (mist)

OSHA: 15 mg/m<sup>3</sup> TWA (mist, total particulate); 5 mg/m<sup>3</sup> TWA (mist, respirable fraction)

#### Sodium hydroxide (1310-73-2)

ACGIH: 2 mg/m<sup>3</sup> Ceiling

OSHA: 2 mg/m<sup>3</sup> TWA

NIOSH: 2 mg/m<sup>3</sup> Ceiling

### Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible).

#### Personal Protective Equipment: Skin

Wear chemical resistant gloves and other protective clothing (lab coat, apron, etc.) when cleaning a large spill.

#### Personal Protective Equipment: Respiratory

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

Personal Protective Equipment: General  
None.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	White to Off-White	<b>Odor:</b>	ND
<b>Physical State:</b>	Foam	<b>pH:</b>	4.0-7.5
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>Boiling Point:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Solubility (H2O):</b>	ND	<b>Specific Gravity:</b>	ND
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	ND
<b>Octanol/H2O Coeff.:</b>	ND	<b>Flash Point:</b>	ND
<b>Flash Point Method:</b>	ND	<b>Upper Flammability Limit (UFL):</b>	ND
<b>Lower Flammability Limit (LFL):</b>	ND	<b>Burning Rate:</b>	ND
<b>Auto Ignition:</b>	ND		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Excessive heat.

### Incompatibility

None identified.

### Hazardous Decomposition

Burning may produce toxic gases.

### Possibility of Hazardous Reactions

None identified.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

None identified.

#### B: Component Analysis - LD<sub>50</sub>/LC<sub>50</sub>

##### Water (7732-18-5)

Oral LD<sub>50</sub> Rat: >90 mL/kg

##### 1,1,1,2-Tetrafluoroethane (811-97-2)

Inhalation LC<sub>50</sub> Rat: 1500 g/m<sup>3</sup>/4H

##### Glycerin (56-81-5)

Inhalation LC<sub>50</sub> Rat: >570 mg/m<sup>3</sup>/1H; Oral LD<sub>50</sub> Rat: 12600 mg/kg; Dermal LD<sub>50</sub> Rat: >21900 mg/kg

##### Hexadecanoic acid, 2-ethylhexyl ester (29806-73-3)

Oral LD<sub>50</sub> Rat: >5 g/kg; Dermal LD<sub>50</sub> Rabbit: >5 g/kg

##### Alcohols, C16-18 (67762-27-0)

Oral LD<sub>50</sub> Rat: >10000 mg/kg; Dermal LD<sub>50</sub> Rabbit: >8000 mg/kg

##### 1,2-Propylene glycol (57-55-6)

Oral LD<sub>50</sub> Rat: 20000 mg/kg; Dermal LD<sub>50</sub> Rabbit: 20800 mg/kg

##### Petrolatum (8009-03-8)

Dermal LD<sub>50</sub> Rabbit: 3600 mg/kg

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

**Polyoxyethylene monooctadecyl ether (9005-00-9)**

Oral LD<sub>50</sub> Rat: 2900 mg/kg

**Methyl p-hydroxybenzoate (99-76-3)**

Oral LD<sub>50</sub> Rat: 2100 mg/kg

**Hyaluronic acid, sodium salt (9067-32-7)**

Oral LD<sub>50</sub> Rat: >800 mg/kg

**Propyl-p-hydroxybenzoate (94-13-3)**

Oral LD<sub>50</sub> Mouse: 6332 mg/kg

**Sodium hydroxide (1310-73-2)**

Dermal LD<sub>50</sub> Rabbit: 1350 mg/kg

## Carcinogenicity

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

**\*\*\* Section 12 - Ecological Information \*\*\***

## Ecotoxicity

### A: General Product Information

No data available for this product.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

**Glycerin (56-81-5)**

**Test & Species**

96 Hr LC<sub>50</sub> Oncorhynchus mykiss 51-57 ml/L [static]

24 Hr EC<sub>50</sub> Daphnia magna >500 mg/L

**Conditions**

**Alcohols, C16-18 (67762-27-0)**

**Test & Species**

48 Hr EC<sub>50</sub> Daphnia magna 1666 mg/L

**Conditions**

**1,2-Propylene glycol (57-55-6)**

**Test & Species**

96 Hr LC<sub>50</sub> Oncorhynchus mykiss 51600 mg/L [static]

96 Hr LC<sub>50</sub> Oncorhynchus mykiss 41-47 ml/L [static]

96 Hr LC<sub>50</sub> Pimephales promelas 51400 mg/L [static]

96 Hr LC<sub>50</sub> Pimephales promelas 710 mg/L

96 Hr EC<sub>50</sub> Selenastrum 19000 mg/L

capricornutum

48 Hr EC<sub>50</sub> water flea >10000 mg/L

**Conditions**

**Sodium hydroxide (1310-73-2)**

**Test & Species**

96 Hr LC<sub>50</sub> Oncorhynchus mykiss 45.4 mg/L [static]

**Conditions**

**\*\*\* Section 13 - Disposal Considerations \*\*\***

## US EPA Waste Number & Descriptions

### A: General Product Information

No information available for the product.

### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

## Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.  
See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

## US DOT Information

Shipping Name: Not Regulated

### \*\*\* Section 15 - Regulatory Information \*\*\*

## US Federal Regulations

## Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

### Sodium hydroxide (1310-73-2)

CERCLA: 1000 lb final RQ; 454 kg final RQ

## State Regulations

### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
1,1,1,2-Tetrafluoroethane	811-97-2	No	No	Yes	No	No	No
Glycerin	56-81-5	No	Yes	Yes	Yes	Yes	Yes
1,2-Propylene glycol	57-55-6	No	No	Yes	Yes	Yes	Yes
Sodium hydroxide	1310-73-2	Yes	Yes	Yes	Yes	Yes	Yes

# Material Safety Data Sheet

Material Name: Hylatopic<sup>®</sup> Emollient Foam

## Additional Regulatory Information

### Component Analysis - Inventory

Component	CAS #	TSCA
Water	7732-18-5	Yes
1,1,1,2-Tetrafluoroethane	811-97-2	Yes
Glycerin	56-81-5	Yes
Hexadecanoic acid, 2-ethylhexyl ester	29806-73-3	Yes
Alcohols, C16-18	67762-27-0	Yes
1,2-Propylene glycol	57-55-6	Yes
1-Hexadecanol, hydrogen phosphate	2197-63-9	Yes
Fats and Glyceridic oils, Theobroma grandiflorum	394236-97-6	No
Petrolatum	8009-03-8	Yes
Polyethylene glycol hexadecyl ether phosphate	50643-20-4	No
Polyoxyethylene monooctadecyl ether	9005-00-9	Yes
DL-alpha tocopheryl acetate	7695-91-2	Yes
Methyl p-hydroxybenzoate	99-76-3	Yes
Hyaluronic acid, sodium salt	9067-32-7	No
Propyl-p-hydroxybenzoate	94-13-3	Yes
Sodium hydroxide	1310-73-2	Yes
Ethylenediaminetetraacetic acid, disodium, dihydrate	6381-92-6	No

### \* \* \* Section 16 - Other Information \* \* \*

#### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

#### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.