

18072
PLYOTHOL**SAFETY DATA SHEET**

Complies with OSHA Hazard Communications Standard 29 CFR 1910.1200

Product Description: Plyothol Protective Skin Cream.
Product Code: Plyothol

Section I: Manufacturer Information

Name: Milburn Company, LLC
 Mailing Address: 3824 West 12 Mile Road
 City/State/ Zip: Berkley, MI. 48072
 Telephone: For Information: 248.542-7733
 For Emergency: 248.542-7733
 Contact For Technical Information: Lucia L. Selever
 Telephone: 248 542-7733 Fax: 248 542-2426

Section II: Composition/Information on ingredients and exposure guidelines**COMPONENTS:**

Chemical Name	CAS NO.	TYPICAL %
Water	7732-18-5	< 72
Stearic Acid	57-11-4	< 17
Lanolin		< 3.0
Camphor	76-22-2	< 3
Glyceryl Mono Stearate	31566-81-1	< 9.0
Mineral Oil	8042-47-5	< 2.0
Triethanolamine	102-71-6	< 1.0
Cetyl Alcohol	36653-82-4	< 0.2
Menthol	89-78-1	< 0.2

**specific percentages of composition are being withheld as a trade secret*

OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the listing of any ingredients for this product. NE: Not Established.

Section III: Hazards Identification

This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200)

OSHA HCS 2012

Label Elements

Signal Word: None

Hazard Symbol(s)/Pictogram(s): None required

EMERGENCY OVERVIEW

Hazard Statements: None

Precautionary Statements: None

Hazards Not Otherwise Classified (HNOC): None

Other Information: None Known

Emergency First Aid: Eyes. Flush eyes with water for 5 minutes

Inhalation: None

Ingestion: No hazards anticipated from incidental ingestion or industrial exposure.

Chronic Effects/ Carcinogenicity: None of the components in this product at concentrations of 0.1 % or greater are listed by the NTP, IARC or OSHA as carcinogens.

For complete discussion of the toxicology data from which this evaluation was made, please refer to Section XI.

Section IV: First Aid

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water for 5 minutes.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Medical Conditions Generally Aggravated By Exposure: None known

Section V: Fire and Explosion Data

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO₂, water spray or "alcohol" foam. Avoid high volume jet water

Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.

Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable. See Section 9 for Physical Properties.

Section VI: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: For non-emergency and emergency personnel: See section 8 – personal protection. Avoid eye contact. Safety goggles suggested.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section VII: Handling and Storage

Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area.

Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section VIII: Exposure Control/Personal Protection

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate Engineering Controls: Showers; eyewash stations; ventilation systems.

Individual Protection Measures / Personal Protective Equipment (PPE)

Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section IX: Physical/Chemical Properties

Appearance:	White Cream
Partition Coefficient; n-octanol/water:	Not determined
Odor:	Menthol odor
Auto ignition Temperature:	Non-flammable
Odor Threshold:	Not determined
Decomposition Temperature:	109°F
pH ASTM D-1293:	8.1-8.3
Viscosity:	Cream
Freezing Point ASTM D-1177:	32°F-38°F
Specific Gravity ASTM D-891:	1.05 – 1.1
Boiling Point & Range ASTM D-1120:	101°C (213.8°F)
VOCs:	**Water & fragrance exemption in calculation
Flash Point ASDM D-93:	Not Determined

Evaporation Rate ASTM D-1901	Not Applicable
Flammability (solid, gas):	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not applicable
VOC Composite Partial Pressure:	Not determined
Vapor Pressure:	Not determined
Relative Density ASTM D-4017:	Not determined
Vapor Density:	Not determined
Solubility:	80% in water

Section X: STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Excessive heat or cold.
Incompatible Materials:	Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.
Hazardous Decomposition Products:	Normal products of combustion - CO, CO2.

Section XI: Toxicological Information.

Likely Routes of Exposure: Inhalation - Overexposure may cause headache.

Skin Contact - Not expected to cause irritation, repeated contact may cause dry skin.

Eye Contact - Not expected to cause irritation.

Ingestion - May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.

Interactive effects: Not known.

Skin Corrosion/Irritation:	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.
Eye Damage/Irritation:	Minimal Irritant per Ocular Irritation® assay modeling. No animal testing performed.
Germ Cell Mutagenicity:	Mixture does not classify under this category.
Carcinogenicity:	Mixture does not classify under this category.
Reproductive Toxicity:	Mixture does not classify under this category.
STOT-Single Exposure:	Mixture does not classify under this category.
STOT-Repeated Exposure:	Mixture does not classify under this category.
Aspiration Hazard:	Mixture does not classify under this category.

Section XII: Ecological Information

Eco toxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Aquatic: Aquatic Toxicity - Low, based on OECD 201; 202; 203 + Microtox: EC₅₀ & IC₅₀ ≥100 mg/L.
Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized system of Classification and Labelling of Chemicals.

Terrestrial: Not tested on finished formulation.

Persistence and Degradability: Readily Biodegradable per OECD 301D, Closed Bottle Test

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available

Section XIII: Disposal Consideration

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal.
Check with local, regional, and/or national regulations for appropriate methods of disposal.

Empty Containers: May be offered for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section XIV: Transport Information

U.N. Number: Not applicable

U.N. Proper Shipping Name: Protective Creams

Transport Hazard Class(es): Not applicable

NMFC Number: Not applicable

Packing Group: Not applicable

Class: Not Applicable

Shipping Containers: 1 Pound Jar, 12 Jars per Case
5 Oz Aluminum Tube, 24 Tubes per Case

Environmental Hazards: Marine Pollutant - NO

Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.

Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises: None known

U.S. (DOT) / Canadian TDG: Not Regulated for shipping.

ICAO/ IATA: Not classified as Hazardous

IMO / IDMG: Not classified as Hazardous

ADR/RID: Not classified as Hazardous

Section XV: Regulatory Information

OSHA Hazard Communication Standard: OSHA hazardous chemicals as defined under 29 CFR 1910.1200 are listed in Section II.

Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed.

SARA Title III; Sections 311/312 Hazard Categories – Not applicable.

Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable;

Sections 302 – Not applicable.

Clean Air Act (CAA): Not applicable

Clean Water Act (CWA): Not applicable

State Right To Know Lists: No ingredients listed

California Proposition 65: No ingredients listed

Section XVI: Other Information

USA items listed only.

Not all items listed.

USA items may not be valid for international sale.

This product is for resale use

Name: Lucia L. Selever

Signature: *Lucia L Selever*

Title: President

Date: *January 1st - 2016*