

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Name of the Product: Deep Prep

Product Code: FG0171

Producer:

Perma Incorporated  
605 Springs Road  
Bedford, MA 01730

Telephone Number for Information - (978) 667-5161

Emergency Phone Number - (800) 255-3924 ChemTel Inc.

## SECTION II – HAZARD(S) IDENTIFICATION

Classification:

Not classified as a hazardous chemical under OSHA Hazard Communication Standard (29 CFR 1910.1200) or GHS criteria.

Signal Word:

Not applicable

Pictogram:

Not applicable

Hazard Statement:

Not applicable

Precautionary Statements:

Wear protective gloves.  
Wash skin thoroughly after handling  
Wear eye protection

Other Information:

May cause slight irritation upon contact with skin and eyes.

## SECTION III – Composition/Information On Ingredients

Component	CAS#	Weight (%)
Nonylphenol polyethylene glycol ether	127087-87-0	1 - 3
Orange Terpenes	5989-27-5	3 - 6

## SECTION IV – FIRST AID MEASURES

Skin Contact: Promptly wash with soap and water and rinse thoroughly.

Eye Contact: promptly flush with a large amount of water for at least 15 minutes. Contact a physician if symptoms persist.

Ingestion: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, consult a physician.

Inhalation: Remove to fresh air and consult physician if symptoms persist.

## SECTION V – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous Combustion Products: None known.

Fire/Explosion Hazard: None known.

#### **SECTION VI – ACCIDENTAL RELEASE MEASURES**

Personal Protection: Prevent contact with skin or eyes by wearing chemical resistant gloves and approved safety glasses with side shields. Spilled material may be slippery under foot.

Environmental Precautions: Do not release to the environment or water source.

Methods for Cleaning Up: Halt spill at source and contain or dike spill with sand or inert absorbent material. Transfer any liquid to containers for recovery or disposal. Shovel used absorbent into drums for disposal in accordance with all applicable local, state and federal regulations.

#### **SECTION VII – HANDLING AND STORAGE**

Precautions for Safe Handling/Storage: Store at 4°C to 32°C (40°F to 90°F). Provide adequate ventilation in storage area. Protect from freezing. Keep away from heat and any ignition source. Keep containers closed when not in use.

#### **SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Orange Terpenes 5989-27-5

ACGIH	time weighted average	20 ppm
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Appropriate Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Exposure Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure levels below TLV(s).

Individual Protection Measures:

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles with side shields.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

#### **SECTION IX – PHYSICAL PROPERTIES**

Appearance	Yellow
Odor	Citrus
Odor Threshold	Not available

Physical State	Liquid
pH	9.5 - 10.5
Flash Point (TCC)	Not applicable. Product does not sustain combustion.
Flammability (solid, gas)	Not available
Lower and Upper Explosive Limits	Not available
Vapor Pressure	17 mmHg
Vapor Density	1.01
Relative Density	1.02
Solubility	Water soluble
Partition coefficient:	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	5 - 10 cps. @ 25°C

### **SECTION X – STABILITY AND REACTIVITY**

Stability: This product is stable

Conditions to Avoid: Heat, open flames and other ignition sources.

Incompatible Products: Avoid contact with strong acids or strong oxidizing agents.

Hazardous Decomposition: None known.

Hazardous Reactions: Product will not undergo hazardous polymerization.

### **SECTION XI – TOXICOLOGICAL INFORMATION**

Acute Toxicity

Nonylphenol polyethylene glycol ether 127087-87-0

Oral LD50 Rat: 5000 mg/kg

Dermal LD50 Rabbit: 2753 mg/kg

Orange Terpenes 5989-27-5

Oral LD50 Rat: 4,400 mg/kg

Dermal LD50 Rabbit: > 5,000 mg/kg

Chronic Toxicity

No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen or potential carcinogen by NTP, OSHA and or IARC.

### **SECTION XII – Ecological Information**

Aquatic Toxicity:

Nonylphenol polyethylene glycol ether 127087-87-0

LC50 Pimephales promelas (fathead minnow) 1.2-9.3 mg/l, 96 h static

EC50 Daphnia magna (Water flea) 1.6-10 mg/l, 48 h immobilization

Orange Terpenes 5989-27-5

Acute LC50 0.702 mg/L

Primephales promelas (fathead minnow) 96h flow-through

Acute EC50 0.36 mg/L

Daphnia magna (water flea) 48h static

Acute EC50 150 mg/L

Desmodesmus subspicatus (green algae) 72h static

### **SECTION XIII – DISPOSAL CONSIDERATIONS**

Waste Disposal Methods: Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your local State Water Board or Regional Office of the EPA.

### **SECTION XIV – TRANSPORTATION INFORMATION**

DOT Bulk: Not regulated  
DOT Non-Bulk: Not regulated  
IMDG: Not regulated  
ICAO/IATA: Not regulated

### **SECTION XV – REGULATORY INFORMATION**

TSCA Inventory Status: All components of this material are listed on or are exempted from the US Toxic Substances Control Act (TSCA) inventory.

US Federal Regulations:

Section 313 of Title III of the Superfund Amendments and Reauthorization ACT of 1986 (SARA). This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 13.

SARA 311/312 Hazardous Categorization

No products were found.

TSCA 12(b) – Export Notification:

This material does not contain any components that are subject to the US Toxic Substances Control act (TSCA) section 12(b) Export Notification requirements.

Clean Air Act, Section 12 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any reportable HAPs.

California Proposition 65:

This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm at levels which require reporting under the state statute.

### **SECTION XVI – OTHER INFORMATION**

Prepared By: David Sadlo  
Revision Date: December 12, 2019  
Previous Version Date: February 19, 2016

The information herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results. Also this shall not establish a legally valid contractual relationship.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in use of the material.

Our products are intended for sale to industrial and commercial customers. We encourage customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications.

Warranty: The manufacturer warrants that products sold comply with specifications as represented and will perform satisfactorily if used according to the directions, or the manufacturer will refund or replace any unused portion thereof, for a period of one year from the date of manufacture. The manufacturer does not make any other warranty, or assume responsibility of any kind, expressed or implied regarding the effect or result of the products use; and assumes no responsibility of injury to vendee or third parties proximately caused by the material if reasonable safety procedures are not adhered to.