

## **1. PRODUCT INFORMATION**

Product name : Polysorbate 80  
INCI : Polysorbate 80  
Supplier : Windy Point Soap Making Supplies Inc.  
Address : 14, 6125-12<sup>th</sup> Street SE, Calgary, AB T2H 2K1  
Telephone : 587-318-6678  
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS Classification**

Not classified.

### **GHS Label elements, including precautionary statements**

Signal: Not applicable

### **Hazard statement(s)**

Not applicable.

### **Precautionary statement(s)**

### **Prevention**

Observe good industrial hygiene practices.

### **Response**

Wash hands after handling.

### **Storage**

Store away from incompatible materials.

### **Disposal**

Dispose of waste and residues in accordance with local authority requirements.

## **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS #</b>	<b>EC NO</b>	<b>Concentration</b>
Sorbitan monooleate, ethoxylated (>1 <6.5 mol EO)	9005-65-6	-	100%

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## **4. FIRST AID MEASURES**

### **Eye contact**

Rinse with water. Get medical attention if irritation develops and persists.

### **Skin contact**

Wash off with soap and water. Get medical attention if irritation develops and persists

**Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

**Ingestion**

Rinse mouth. Get medical attention if symptoms occur

**Most important symptoms/effects acute and delayed**

Direct contact with eyes may cause temporary irritation.

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

Treat symptomatically

**General information**

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture**

During fire, gases hazardous to health may be formed.

**Advice for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

**Environmental precautions**

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Observe good industrial hygiene practices.

### **Conditions for safe storage**

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Occupation exposure limits**

No exposure limits noted for ingredient(s).

### **Biological exposure limits**

No biological exposure limits noted for the ingredient(s).

### **Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### **Eye protection**

Wear safety glasses with side shields (or goggles).

### **Skin protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.

### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

### **General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	: Liquid.
Form	: Liquid.
Colour	: Yellow
Odour	: Not listed.
Odour threshold	: Not available.
pH	: 5 – 7 (5% aqueous solution)
Melting point/freezing point	: 58 °F (14.44 °C)

Initial boiling point and boiling range	: Not available.
Flash point	: 302.0 °F (150.0 °C)
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	: Not available.
Flammability limit – upper (%)	: Not available.
Explosive limit – lower (%)	: Not available.
Explosive limit – upper (%)	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: Not available.
Solubility(ies)	
Solubility (water)	: Not available.
Partition coefficient (n-octanol/water)	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.
Other information	
Density	: 8.92 lbs. / gal.
Explosive properties	: Not explosive.
Flammability class	: Combustible IIIB estimated.
Heat of combustion (NFPA 30B)	: 0 kJ/g.
Molecular formula	: Unknown.
Oxidizing properties	: Not oxidizing.
Specific gravity	: 1.07.

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

The product is stable and non-reactive under normal conditions of use, storage and transport.

### **Chemical stability**

Material is stable under normal conditions.

### **Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**Conditions to avoid**

Contact with incompatible materials.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

No hazardous decomposition products are known.

**11. TOXICOLOGICAL INFORMATION**

**Inhalation**

No adverse effects due to inhalation are expected.

**Skin contact**

No adverse effects due to skin contact are expected.

**Eye contact**

Direct contact with eyes may cause temporary irritation.

**Ingestion**

Expected to be a low ingestion hazard.

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

Direct contact with eyes may cause temporary irritation.

**Acute toxicity**

Not available.

**Skin corrosion/irritation**

Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**

Direct contact with eyes may cause temporary irritation.

**Respiratory sensitization**

Not a respiratory sensitizer

**Skin sensitization**

This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

Not classified.

**Aspiration hazard**

Not an aspiration hazard.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

**Persistence and degradability**

No data is available on the degradability of this product.

**Bio accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. DISPOSAL CONSIDERATION**

**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations**

Dispose in accordance with all applicable regulations.

**Hazardous waste code**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues/unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

**US DOT Shipping Description (Land)**

OT Not regulated as dangerous goods

DOT information on packaging may be different from that listed.

**15. REGULATORY INFORMATION**

**US federal regulations**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311 / 312**

**Hazardous chemical**

No.

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SOWA)**

Not regulated.

**US state regulations**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. Massachusetts RTK - Substance List**

Not listed.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed.

**US. Rhode Island RTK**

Not listed.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No



Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

•A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## **16. OTHER INFORMATION**

### **HMIS® ratings**

Health: 0

Flammability: 0

Physical hazard: 0

### **NFPA ratings**

Health: 0

Flammability: 1

Instability: 0

## **DISCLAIMER AND CAUTION**

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