

# SAFETY DATA SHEET



DATE ISSUED :	8/4/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Polysorbate 80

**PRODUCT TYPE:** Cosmetic Ingredient

**PRODUCT RECOMMENDED USE:** All proper and legal purposes.

### MANUFACTURER

NorthWood Distributing, LLC

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## 2. HAZARDS IDENTIFICATION

Physical Hazards	Not classified
Health Hazards	Not classified
Environmental Hazards	Not classified
OSHA Defined Hazards	Not classified

### Label Elements

Hazard Symbol	None
Signal Word	None
Hazard Statement	This substance does not meet the criteria for classification.
Precautionary Statement	
Prevention	Observe good industrial hygiene practices
Response	Wash hands after handling
Storage	Store away from incompatible materials
Disposal	Dispose of wastes and residues in accordance with local authority requirements

**Hazards not otherwise classified (HNOC)** None known

**Supplemental Information** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Sorbitan monooleate, ethoxylated (>1 <6.5 mol EO)	9005-65-6	100%

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

#### 4. FIRST AID MEASURES

##### General notes

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

##### EYES:

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

##### SKIN:

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

##### INGESTION:

Rinse mouth with water (only if the person is conscious). Get medical attention if symptoms occur.

##### INHALATION:

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

##### 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.

#### 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 the direct water jet on burning material as this will spread the fire.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE / MIXTURE:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire

**SPECIAL PROTECTIVE EQUIPMENT / PRECAUTION FOR FIRE FIGHTERS:** Move containers from the area if you can do so without risk.

**ADVICE FOR FIREFIGHTERS:** 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.

##### METHODS AND MATERIAL 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.

Other information relating to spills and releases: Place in appropriate containers for disposal. Ventilate affected area.

##### 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.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Apply good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in vicinity of chemicals.

### HANDLING AND STORAGE:

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits:** No exposure limits noted for ingredient(s).

**Biological limit values:** 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.

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

The following are recommendations for Personnel Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

**Eye/face 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.

**Hand protection:** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other:** Wear suitably 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

**COLOR:** Yellow

**PHYSICAL STATE:** Liquid

**ODOR:** Not listed

**pH:** 5 - 7 5% aqueous solution

**FLASH POINT:** 302 °F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** Not available

**BOILING POINT/RANGE:** Not available

**MELTING POINT:** 58 °F (14.44 °C)

**VISCOSITY:** Not available

**VAPOR PRESSURE:** Not available

**VAPOR DENSITY:** Not Determined

**SOLUBILITY:** Not Determined

**PERCENT VOC:** Not available

**SPECIFIC GRAVITY:** 1.07

**DENSITY:** 8.92 lbs. / gal

**EVAPORATION RATE:** Not Available

**REFRACTIVE INDEX @ 25C:** Not Available

**FLAMMABILITY CLASS:** Combustible IIIB estimated

## 10. STABILITY AND REACTIVITY

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

**CHEMICAL STABILITY:** Product is stable under normal storage and use.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Known.

**CONDITIONS TO AVOID:** Contact with incompatible materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY-ORAL:** Not available.

**ACUTE TOXICITY- DERMAL:** No adverse effects due to skin contact are expected

**ACUTE TOXICITY- INHALATION:** No adverse effects due to inhalation are expected.

**ACUTE EFFECTS:** Not available.

**EYE CONTACT:** Direct contact with eyes may cause temporary irritation.

**SKIN IRRITATION:** Prolonged skin contact may cause temporary irritation.

**RESPIRATORY SENSITIZATION:** May cause an allergic skin reaction.

**GERM CELL MUTAGENICITY:** No data available to indicate product or any components present at greater than 0.1 % are mutagenic or genotoxic.

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

**REPRODUCTIVE TOXICITY:** Shall not be classified as a reproductive toxicant.

**ASPIRATION HAZARD:** Shall not be classified as presenting an aspiration hazard.

**SPECIFIC TARGET ORGAN TOXICITY** – single exposure: Not classified

**SPECIFIC TARGET ORGAN TOXICITY** – repeated exposure: Not classified

## 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 Available

**BIO-ACCUMULATIVE POTENTIAL:** No data Available

**MOBILITY IN SOIL:** No data Available

**ECOTOXICOLOGICAL OTHER INFORMATION:** No data 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 CONSIDERATIONS

**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

**DOT:** 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 listed.

**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)**

<b>Hazard categories</b>	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 regulated.

**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 regulated.

**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**

<b>Country(s) or region</b>	<b>Inventory Name</b>	<b>On inventory (yes/no)*</b>
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
US & 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

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