



**Cosmetic
Supplies
USA, Inc.**

Material Safety Data Sheet

8810 Commodity Cir #20
Orlando, FL 32819-9066
877-926-7872 phone • 877-926-8742 fax

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POLYSORBATE 40

Catalog Number: 1547936 Package Size: 2 g Revision Date: June 4, 2004

EMERGENCY OVERVIEW- Irritant.

SECTION 1 - IDENTIFICATION

Common Name: Polysorbate 40 Formula: C62H122O26
 Synonym: Polyoxyethylene sorbitan monopalmitate
 Chemical Name: Sorbitan, monohexadecanoate, poly(oxy-1,2-ethanediyl) derivs.
 CAS Number: 9005-66-7 RTECS Number: WG2933000
 Chemical Family: n/f
 Therapeutic Category: Pharmaceutic aid (surfactant)

SECTION 2 - INGREDIENT INFORMATION

<u>Principle Components</u>	<u>Percent</u>	<u>Exposure Limits</u>
Polysorbate 40	Pure Material	n/f

SECTION 3 - HEALTH HAZARD INFORMATION

Usual Adult Dose: n/f
 Adverse Effects: Adverse effects may include nausea, vomiting, and diarrhea. Possible allergic reaction to material if inhaled, ingested or in contact with skin.
 Overdose Effects: n/f
 Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation.
 Chronic: Possible hypersensitization.

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Inhalation: May cause irritation. Remove to fresh air.

Eye: Causes irritation. Avoid contact. Flush with copious quantities of tepid water for at least 15 minutes.

Skin: Causes irritation. Avoid contact. Flush with copious quantities of soap and water.

Ingestion: May cause irritation. Flush out mouth with water.

Medical Conditions Aggravated by Exposure: Hypersensitivity to material.

Cross Sensitivity: n/f

Pregnancy Comments: n/f

Pregnancy Category: n/f

SECTION 4 - FIRST AID MEASURES

General: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Overdose Treatment: For current information about the treatment of overdose, consult a certified Regional Poison Control Center by calling the number listed in your local telephone directory.

SECTION 5 - TOXICOLOGICAL INFORMATION

Oral Rat: LD50: >38400 mg/kg

Oral Mouse: LD50: n/f

Irritancy Data: n/f

Target Organ(s): n/f

Listed as a Carcinogen? NTP: No IARC: No OSHA: No

Other: No

SECTION 6 - FIREFIGHTING MEASURES

Flash Point: n/f

Upper Flammable Limit: n/f

Auto-Ignition Temperature: n/f

Lower Flammable Limit: n/f

Extinguisher Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Fire and Explosion Hazards: This material may be combustible at high temperature.

Firefighting Procedures: As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

SECTION 7 - PHYSICAL HAZARDS

Conditions to Avoid: Avoid exposure to light.

Incompatibilities: Oxidizing agents.

Decomposition Products: When heated to decomposition material emits toxic fumes. Emits toxic fumes under fire conditions.

Stable? Yes **Hazardous Polymerization?** No

SECTION 8 - HANDLING / SPILL / DISPOSAL MEASURES

- Handling:** As a general rule, when handling USP Reference Standards avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.
- Storage:** Store in tight, light-resistant container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.
- Spill Response:** Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing vapor. Place spillage in appropriately-labelled container for disposal. Wash spill site.
- Disposal:** Dispose of waste in accordance with all applicable Federal, State and local laws.

SECTION 9 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory Protection:** When working with small quantities in a well-ventilated area, respiratory protection may not be required.
- Ventilation:** No special ventilation requirements.
- Gloves:** Rubber
- Eye Protection:** Safety Goggles
- Protective Clothing:** Protect exposed skin

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

NOTE: The data reported below is general information, and is not specific to the USP Reference Standard Lot provided!

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|-----------------------------|-------------------------------------|---------------------------------|
| Appearance and Odor: | Yellow liquid; characteristic odor. | |
| Melting Point: | n/f | |
| Solubility in Water: | Soluble | Vapor Density: >1 |
| Boiling Point: | >149° C | Evaporation Rate: n/f |
| Specific Gravity: | 1.07 | Reactivity in Water: n/f |
| Vapor Pressure: | < 1 mm Hg @ 25° C | % Volatile by Volume: <4 |