



Section 1. Product and Company Identification

Product Name Polysorbate 60
CAS Number 9005-67-8

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 📠 (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements: None

Emergency Overview: Not classified

Appearance: Amber

Physical State: Semi-solid

Odor: Mild

Section 3. Composition / Information on Ingredients

Common Name Polysorbate 60
Synonym(s) Polyoxyethylene sorbitan monostearate
CAS Number 9005-67-8

COMPONENT	CAS NUMBER	CONCENTRATION
Polysorbate 60	9005-67-8	100% wt.

Section 4. First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water

Inhalation: Move to fresh air



Ingestion: Rinse mouth. Do NOT induce vomiting

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects: None identified

Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically

Section 5. Firefighting Measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None identified

Specific hazards arising from the chemical: No information available

Hazardous combustion products: Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: None

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Personal Precautions: Ensure adequate ventilation

For emergency responders: Wear chemical resistant gloves.

Environmental Precautions: Prevent release to surface water.

Methods and material for containment and cleaning up

Methods for cleaning up: Pick up and transfer to properly labeled containers.

Section 7. Handling and Storage

Precautions for safe handling

Handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible Products: Strong oxidizing agents

Section 8. Exposure Controls / Personal Protection

Control Parameters

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls

Engineering Measures: Showers; Eyewash stations; Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face Protection: Safety glasses with side-shields.

Skin and Body Protection: Wear protective gloves/clothing.

Respiratory Protection: Use only with adequate ventilation

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Physical State: Semi-solid

Appearance: Amber

Color: Amber

Odor: Mild

Odor Threshold: Not determined

pH: 7

Melting/Freezing Point: 25°C

Boiling Point/Range: > 100°C

Flash Point (Open Cup): > 100°C

Evaporation Rate: Not determined

Flammability (solid, gas): May burn if exposed to open flame

Flammability Limits in Air

Upper flammability limits: Not determined

Lower flammability limits: Not determined

Vapor Pressure: < 1

Vapor Density: Not determined

Specific Gravity (25°C): 1.1

Water Solubility: Soluble

Solubility in other solvents: Not determined

Partition Coefficient: Not determined

Auto-ignition Temperature: Not determined

Decomposition Temperature: Not determined

Kinematic Viscosity: Not determined



Dynamic Viscosity: Not determined
Explosive Properties: None

Other Information

Softening Point: 25°C
Molecular Weight: avg. 1312

Section 10. Stability and Reactivity

Reactivity: Not reactive
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: Extremes of temperature and direct sunlight.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides.

Section 11. Toxicological Information

Information on likely routes of exposure

Product Information: This substance does not present an acute toxicity hazard based on published data.
Inhalation: No known hazard by inhalation.
Eye Contact: May cause slight irritation.
Skin Contact: Non-irritating to skin
Ingestion: Ingestion may cause stomach discomfort.

Chemical Name: Polyoxyethylene sorbitan monostearate (CAS: 9005-67-8)
LD50 Oral: > 60 mL/kg (Rat)
LD50 Dermal: -
LC50 Inhalation: -

Information on toxicological effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term

Sensitization: Not a skin sensitizer.

Carcinogenicity: This material is not classified as a carcinogen, mutagen, or reproductive toxin by IARC, OSHA, ACGIH, or NTP.

Numerical measures of toxicity - Product Information: Not determined



Section 12. Ecological Information

Ecotoxicity: Not expected to be toxic to aquatic organisms.

Persistence and degradability: Not expected to be persistent or bioaccumulative in the aquatic environment.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT: Not regulated

Section 15. Regulatory Information

International Inventories

TSCA: Listed

DSL: Listed

EINECS: Polymer

ELINCS: N/A

IECSC: Listed

KECL: Listed

PICCS: Listed

AICS: Listed

Legend

DOT: Not regulated

TSCA: United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS: European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS: Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL: Korean Existing and Evaluated Chemical Substances

PICCS: Philippines Inventory of Chemicals and Chemical Substances

AICS: Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



SARA 311/312 Hazard Categories

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65: This product may contain trace levels of chemicals known to the state of California to cause cancer and birth defects and reproductive harm: ethylene oxide (75-21-8) and 1,4-Dioxane (123-91-9).

NFPA Rating

Health: 0

Flammability: 1

Reactivity: 0

HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: X

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/26/2015