

## MATERIAL SAFETY DATA SHEET

### SECTION I: NAME & HAZARD SUMMARY

Product Name: **Polysorbate 80 INCI: Polysorbate 80**

Hazard Summary: None

### SECTION II: INGREDIENTS

Ingredient: Polysorbate 80 CAS No.: 9005-65-6 HS#: 2915.90.000

Ingredients not precisely identified are proprietary and non-hazardous.

### SECTION III: PHYSICAL DATA

Appearance:	Amber liquid (@ 25 C)	Boiling Point:	>300°F
Odor:	Bland	Vapor pressure:	<1 (mmHg @ 25 C)
Solubility in Water:	Soluble (@ 25 C)	Vapor density:	>1
Specific Gravity:	1.08 (@ 25 C)	% Volatile by volume:	<4
Flash Point:	>300 F		

### SECTION IV: FIRE & EXPLOSION HAZARD DATA

Extinguishing media: Dry chemical, carbon dioxide, foam or water.

Special fire fighting equipment: firefighters should wear NIOSH approved self-contained breathing apparatus and protective clothing to prevent contact with skin

Unusual fire and explosion hazards: None known.

### SECTION V: REACTIVITY DATA

Stability: Stable under normal conditions.

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous polymerization: Will not occur.

Hazardous decomposition products: Thermal decomposition or burning may produce carbon mono/dioxides

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General: Not a health hazard.  
Ingestion: None known.  
Eye contact: No irritation is likely to occur.  
Skin contact: None known.  
Inhalation: None known. Not a likely avenue of entry.

### First aid procedures:

Skin: Wash material off the skin with soap and water. Remove and wash contaminated clothing before reuse.

Eyes: Immediately flush eyes with plenty of cool water for at least 15 minutes.

Ingestion: If victim is conscious and able to swallow, quickly have victim drink water or milk to dilute. Do not give sodium bicarbonate, fruit juices or vinegar. Induce vomiting only if advised by physician or poison control center. Call physician or poison control center immediately. ( Never give anything by mouth to an unconscious person).

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.

## SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Contain spilled material. Contain large spills and pump into a suitable tank. Wash area with detergent and thoroughly rinse. Transfer to secure containers.

Disposal Method: Dispose of in accordance with federal, state and local regulations.

Container Disposal: Dispose of in accordance with federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Ventilation:** Mechanical recommended.

**Respiratory protection:** None needed

**Protective clothing:** No need anticipated. Rubber gloves are recommended when handling chemicals.

**Eye protection:** Recommend wearing chemical goggles or safety glasses.

## SECTION IX: SPECIAL PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling and storing: Normal chemical handling procedures.

### Disclaimer:

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