

MATERIAL SAFETY DATA SHEET

SECTION I: NAME & HAZARD SUMMARY

Product Name: **Polysorbate 20 INCI: Polysorbate 20**

Hazard Summary: None

SECTION II: INGREDIENTS

Ingredient: Polysorbate 20 CAS No.: 9005-64-5 HS#:2915.90.000

Ingredients not precisely identified are proprietary and non-hazardous.

SECTION III: PHYSICAL DATA

Appearance:	Yellow liquid	Boiling Point:	>300°F
Odor:	Bland	Vapor pressure:	<1 (mmHg @ 25 C)
Solubility in Water:	Soluble (@ 25 C)	Vapor density:	>1
Specific Gravity:	1.10 (@ 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.

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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.

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. 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.

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