



Safety Data Sheet Polysorbate 20

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Polysorbate 20

INCI Name: Polysorbate 20

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Polysorbate 20	Not classified	9005-64-5	100%

Additional Information: There are no impurities which contribute to the classification of the substance.



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Section 4: First Aid Measures

Notable Exposure symptoms: Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

If ingested: Seek prompt medical attention. Do not induce vomiting. Vomiting should only be induced by medical personnel.

If inhaled: Seek prompt medical attention. Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Eye contact: Immediately flush with plenty of running water for at least 15 minutes, keeping eyelids open. Remove contact lenses if present and easy to do so. Seek prompt medical attention.

Skin contact: Remove contaminated clothing and shoes. Wash affected areas with plenty of running water, preferably under a shower. Seek prompt medical attention.

Section 5: Fire Fighting Measures

General Info: Flash point (COC): > 149°C (302°F). Product is not flammable.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: In case of combustion, it may generate carbon monoxide, besides CO₂.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Isolate and signalize area. Keep heat and/or ignition sources away. Use personal protection equipment as indicated in Section 8, in order to avoid contact with spilled material.

Environmental Precautions: Prevent product from entering into soil and waterways. Notify the competent authorities if the product has run into drainage systems or watercourse or has contaminated the ground or vegetation.

Containment Equipment and

Procedures: Stop if possible. Contain and dike spilled product with earth or sand. Eliminate ignition or heat sources. Transfer to proper container.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.



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Section 7: Handling and Storage

Safe Handling Precautions: Use in a well-ventilated area. Avoid inhalation and contact with eyes, skin or clothing through proper protection. If occurs accidental contact, exposed area should be washed immediately. Emergency eyewashes and showers shall be located in accessible locations. Wash hands and face thoroughly after handling. Wash contaminated clothing before reuse.

Recommendations for Storage: Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: No control parameters established.

General / Engineering

Controls: In closed environments, this product should be handled keeping proper exhaust (general diluter or local exhaust).

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Rubber/PVC protective gloves.

Body Protection: PVC apron. It is recommended to adopt safety boots/shoes.

Respiratory Protection: If in contact with high concentrations of the product, wear an air supplied mask or self contained breathing apparatus.

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.



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Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Color: Yellowish

Odor: Odorless; characteristic

Odor Threshold: No data available

pH: 5.5 - 6.5 (5% p/p 25°C)

Melting Point: Not available

Freezing Point: Not available

Boiling Point: Not available

Flash Point (COC): > 149°C (302°F)

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not available

Vapor Pressure: Not available

Explosive Limits: Not available

Vapor Density: Not available

Relative Density (water=1): 1,098 g/cm³ (25°C)

Water Solubility: Soluble in water (20°C for 1 hour / 0.5% concentration)

Viscosity (cP): ~ 400 mPa.s (25°C)

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: None available

Section 10: Stability and Reactivity

Reactivity: No hazardous reactivity is expected.

Chemical Stability: Stable under normal conditions of use and storage.

Possibility of Hazardous

Reactions: None known

Conditions to Avoid: High temperatures, ignition sources and prolonged exposure to the air.

Incompatible Materials: Avoid contact with oxidizing agents.

Hazardous Decomposition

Products: In case of combustion, it may generate carbon monoxide, besides CO₂.



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Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: This is not a corrosive product.

Sensitization: No data available

Repeated Dose Toxicity: No data available

Carcinogenicity: None of this products components are listed as carcinogenic by ACGIH, IARC, NTP, DFG or OSHA. There are no known serious chronic effects and/or references on carcinogenic, mutagenic or teratogenic product activity.

Mutagenicity: Not available

Toxicity for reproduction: Not available

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: The aquatic toxicity is not known.

Persistence and Degradability: Expected to be biodegradable.

Bioaccumulative Potential: It is not expected to bioaccumulate in the environment.

Mobility in Soil: The product is slightly volatile and water soluble.

Results of PBT and vPvB

Assessment: No data available

Other Adverse Effects: None known



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Section 13: Disposal Information

Product disposal: The preferred options to disposal include, reuse, recycling, co-processing, finding a use for a by-product, incineration or other thermal destruction process at licensed facilities. The disposal must comply with federal, state, and local laws and regulations in accordance with the environmental agencies.

Container disposal: Same for product (above).

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

Applicable Standards: Resolution 420 / 2004 - Transport Ministry.
Dangerous Goods by Road (ADR) - Available from January 1st 2011 - Unece (United Nations Economic Commission for Europe).
U.S.A. Department of Transportation - DOT - 49 CFR 172.101.
Dangerous Goods Regulations - 55th Edition - IATA (International Air Transport Association).
IMDG Code - 2012 Edition - IMO (International Maritime Organization).

California Prop 65: This product may contain 1,4-dioxane (< 10ppm) and ethylene oxide (< 1ppm), which are known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 1.1 created October 29th, 2019

NFPA Rating: 1-1-0

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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