

Polysorbate 20

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 15-Apr-2024
Supersedes: Jun-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polysorbate 20	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Polysorbate 20	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	9005-64-5	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

OSHA Classification (29 CFR 1910.1200):	Not classified.												
Labeling:	The product contains no substances which at their given concentration, are considered hazardous to health.												
Hazard Pictograms:	None.												
Hazard Statements:	None.												
Precautionary Statements:	None.												
Non-classified Hazards:	Causes mild skin irritation.												
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: Not expected to be an irritant under normal conditions of use. Skin: Causes skin irritation. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td>N/A</td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	N/A
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3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polysorbate 20	9005-64-5	60 - 100%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
Inhalation:	Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical attention.
Skin:	Wash with plenty of water. Remove and isolate contaminated clothing and shoes. Seek medical attention if necessary.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention if necessary.
General Notes:	Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not use water spray as an extinguisher as it may be insufficient.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	>100°C/212°F (open cup)
Specific hazards arising from the chemical:	None listed. See also stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated objects and areas thoroughly observing environmental regulations. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Protect from sunlight. Store in a well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep container closed when not in use. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Polysorbate 20	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear safety glasses with side shields (or goggles).
Inhalation:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Body:	Wear suitable gloves and a chemical resistant apron and/or full protective clothing, including shoes or boots.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance at 25°C:	Liquid	Vapor Pressure at 25°C:	< 16 (mmHg)
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH at 25°C:	5% w/w in water	Flash Point:	>100°C/212°F (open cup)
Boiling Point:	> 100°C/212°F	Specific Gravity:	No data available

Melting/Freezing Point:	< 0°C/32°F	Water Solubility:	Soluble
Relative Density at 25°C:	1.08 1.1200000000000001	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Kinematic Viscosity 25°C:	250 cSt	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None known.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	None under normal processing.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Causes mild skin irritation.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	(Rat) Chemical name: Polyoxyethylene sorbitan monolaurate (9005-64-5); Oral, LD50: 36700 µL/kg.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Aspiration Hazard:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container. Dispose of waste in accordance with environmental legislation.
Product Containers:	Do not reuse empty container. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
U.S. EPA Waste Number:	D001, U108 U115

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of

the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Complies.
SARA 311/312 Hazards:	No hazards listed in any category.
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.
State Right to Know:	Hydrogen peroxide (7722-84-1) is listed under NJ, MA, and PA Right to Know.
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.
Clean Water Act (CWA):	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).
Canada (DSL):	Complies.
Canada (NDSL):	Does not comply.
EU (EINECS/ELINCS):	Complies.
China (IECSC):	Complies.
Australia (AICS):	Complies.
Japan (ENCS):	Complies.
Philippines (PICCS):	Complies.
Korea (KECL):	Complies.
California Prop. 65:	WARNING: This product can expose you to chemicals including 1,4-Dioxane (123-91-1) and Ethylene oxide (75-21-8), which are known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	15-Apr-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.