

Polysorbate-20

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

Revision Date: 09-09-2015
Supersedes: 11-13-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Polysorbate-20	Distributor: MakingCosmetics.com Inc.
Synonyms: Polysorbate 20, PEG(20)sorbitan monolaurate, Alkest TW 20, Tween 20	Address: 10800 231 st Way NE
INCI Name: Polysorbate-20	Redmond, WA 98053 (USA)
CAS Number: 9005-64-5	Phone / Fax: 425-292-9502 / 425-292-9601
Formula: C ₅₈ H ₁₁₄ O ₂₆	Web: www.makingcosmetics.com
Product Form: Liquid	
Product Use: Cosmetic use	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Mild</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Mild</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Mild	Flammability	1	Mild	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Mild											
Flammability	1	Mild											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polysorbate-20	9005-64-5	N/A	1227.54 g/mol

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation:	Remove victim to fresh air. Consult a physician if needed.
Skin:	Wash skin with soap and water. Consult a physician if irritation develops.
Ingestion:	Give large quantities of water. Do not induce vomiting. If symptoms appear, consult a physician.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water spray, foam, carbon dioxide.
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing Apparatus.
Flash Points:	>170° C (>300° F)
Specific hazards arising from the chemical:	Not available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent entry into waterways, sewers, basements or confined areas.
Methods and material for containment	Use vacuum or broom and remove to disposal container. If damp, flush with water.

and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.

Conditions for safe storage, incl. any incompatibilities: This product must be stored, handled and used according to criteria of good industrial practice and to regulations in force. Avoid freezing or excessive heat. Keep the container tightly closed and in a cool, well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Polysorbate 20	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: Safety glasses, goggles, or face shield recommended for eye protection.

Inhalation: Appropriate NIOSH approved respiratory protection may be worn.

Body: Gloves and protective clothing may be worn to prevent prolonged skin contact.

Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	Not available
Odor:	Faint	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Yellow	Flammability:	Not available
Molecular Weight:	1227.54 g/mol	Upper/lower Explosive Limit:	Not available
pH (10% sol. in water)	Not available	Solubility:	Soluble in water
Boiling Point:	Not available	Flash Point:	>170 °C (>300 °F)
Melting Point:	Not available	Specific Gravity:	1.10 g/ml (at 25 °C)

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Not available.

Incompatible Materials: May react with strong oxidizing agents.

Hazardous Decomposition Products: Biodegradable; burning can produce carbon monoxide and carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION**Ecotoxicity**

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not 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.

Product Containers: 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.

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):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 09-09-2015

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.