

Poloxamer 407 NF

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

Revision Date: 05-May-2022
Supersedes: 05/24/2010

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Poloxamer 407 NF	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Poloxamer 407	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	9003-11-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: Not irritating to eyes.
 Inhalation: Not expected to be irritant.
 Skin: Not irritating to skin. Virtually non-toxic after single skin contact.
 Ingestion: Virtually non-toxic after single ingestion.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Poloxamer 407 NF	9003-11-6	Not Available	Not Available

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water for at least 15 minutes, with eyelids held open. Seek medical attention if necessary.

Inhalation: If difficulties occur after dust has been inhaled, remove victim to fresh air and seek medical attention.

Skin: Flush with plenty of water and wash using soap. Remove contaminated clothing. Get medical attention if irritation occurs.

Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water spray, foam, dry chemical) for adjacent fire. Do not use water jet.

Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: >150°C

Specific hazards arising from the chemical: Harmful vapors. Evolution of fumes/fog. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Avoid dust formation. Use personal protective clothing. See section 8 for recommendations on the use of personal protective equipment.
 Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up:

Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. For large amounts, contain with dust binding material and dispose of. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:

See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
 Store in cool, dry well-ventilated area. Keep away from heat and 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>
Poloxamer 407 NF	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 with side shields should be worn.
Inhalation: Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.
Body: Wear chemical resistant protective gloves. Wearing of closed work clothing is recommended. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.
Other: Provide local exhaust ventilation to control dust. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder, coarse particle, waxy type	Vapor Pressure:	Negligible
Odor:	Faint specific odor	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not highly flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	6.0-9.0 (50 g/L)	Flash Point:	> 150°C
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Range:	53-57°C	Solubility in Water:	> 175 g/L (23°C)
Bulk Density:	Approx. 500 kg/m ³	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	< -5	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
% Volatile by Volume:	No data available		

10 STABILITY AND REACTIVITY

Reactivity: This product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.
Chemical Stability: Stable under recommended storage conditions.

Hazardous Polymerization:	No data available
Conditions to Avoid:	Avoid excessive temperatures.
Incompatible Materials:	No data available
Hazardous Decomposition Products:	No hazardous decomposition products if stored and handled as prescribed/indicated.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	LD50: >2,000 mg/kg Non-irritant
Eyes:	Non-irritant
Respiratory:	No data available
Ingestion:	LD50: >5,000 mg/kg
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	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
Sensitization:	Non-sensitizing
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50 (96h): >10,000 mg/L (Brachydanio rerio)
Aquatic Invertebrate:	EC50 (48h): >100 mg/L (Ceriodaphnia sp.)
Terrestrial:	EC50 (72h): >970 mg/L (Algae)
Persistence and Degradability:	Product is difficult to eliminate in effluent treatment plants.
Bioaccumulative Potential:	Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.
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.
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. Packaging must not be re-used.

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):	No data available
TDG (Transportation of Dangerous Goods, Canada):	Not regulated as a dangerous good
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status:	Pharma: released/ exempt Cosmetic: released/ exempt Chemical: released/ listed
EPCRA 311/312 (Hazard categories):	Refer to SDS section 2 for GHS hazard classes applicable
CERCLA RQ:	
DSCL (EEC):	Listed
WHMIS (Canada):	Not controlled
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
New Zealand NZIoC:	No data available
Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:	WARNING: This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	05-May-2022
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.