

Polyquaternium-7

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

Revision Date: 23-Dec-2024
Supersedes: 09-Jul-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polyquaternium-7	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Polyquaternium-7	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 26590-05-6	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

Classification:	Not classified.		
Labeling:	Not a dangerous substance according to GHS.		
Hazard Pictograms:	None.		
Hazard Statements:	None.		
Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: Not a primary eye irritant. Inhalation: Not expected to be an irritant. Skin: Not a primary skin irritant. Ingestion: May cause irritation of the gastrointestinal tract.		
NFPA Ratings (704):	Health	0	Minimal
	Flammability	1	Slight
	Reactivity	0	Minimal
	Specific Hazard	N/A	
HMIS Hazard ID:	Health	0	Minimal
	Flammability	1	Slight
	Reactivity	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	89 - 93%	Not Available
Polyquaternium-7	26590-05-6	8 - 10%	Not Available
Sodium Benzoate	532-32-1	Not Available	Not Available

4 FIRST AID MEASURES

Eyes:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed.
Skin:	Wash with soap and water. If skin irritation occurs, get medical attention.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Treat symptomatically. Get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	No unusual fire or explosion hazards noted. Use appropriate media (CO2. Dry chemical, foam, water spray, water fog) for surrounding environment and adjacent fire. Do not use direct water jet.
Special protective equipment &	Wear self-contained breathing apparatus operated in positive pressure mode with a full face-

precautions for firefighters:	piece, and full protective clothing, including eye protection and boots.
Flash Points:	>201°F (>94°C)
Specific hazards arising from the chemical:	Material will not burn until water has been evaporated. Container may rupture on heating. Water or foam may cause frothing. Avoid solid streams of water. Use water spray. When heated, hazardous gases may be released including hydrogen chloride and chlorine. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ventilate area if spilled in confined space or other poorly ventilated areas. 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. Prevent further leakage if safe to do so.
Methods and material for containment and cleaning up:	Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Wash area with soap and water. Spilled liquid and dried film are slippery. Use care to avoid falls. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using, do not eat, drink, or smoke. Stir well before use. Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep from freezing. Store in original container. Do not store in open, unlabeled or mislabeled containers. 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>
Polyquaternium-7	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:	If contact is likely, safety glasses with side shields are recommended.
Inhalation:	Under normal conditions, respiratory protection is not required. Use appropriate respiratory protection if exposure to dust particles, mist, or vapors is likely. Use self-contained breathing apparatus for entry into confined spaces, poorly ventilated areas, and for large spill clean-up sites. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
Body:	Wear PVC protective gloves and coveralls, apron, and boots to minimize contact. Do not wear rings, watches, or similar apparel that could entrap the material. Use good industrial hygiene practices to avoid skin contact.
Other:	Use good personal hygiene practices. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that can't be cleaned. Only use material in well-ventilated areas. Adequate ventilation should be provided so that exposure limits are not exceeded. Mechanical ventilation or local exhaust ventilation may be required. No special requirements under ordinary conditions of use and with adequate ventilation. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure @ 77°F/25°C:	< 18 torr
--------------------	--------	------------------------------------	-----------

Odor:	Slight	Vapor Density:	< 1
Odor Threshold:	No data available	Evaporation Rate:	< 1 n-butyl acetate =1
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	3.3 - 4.5 (100%)	Flash Point:	> 201°F (> 94°C)
Boiling Point:	212°F (100°C)	Specific Gravity:	No data available
Melting Point:	No data available	Water Solubility:	Soluble
Freezing Point:	32°F (0°C)	Auto-Ignition Temperature:	No data available
Relative Density @ 77°F/25°C:	1.02	Decomposition Temperature:	No data available
Bulk Density @ 77°F/25°C:	Approx. 8.5 lb/gal	VOC:	0%
Partition Coefficient: n-octanol/water:	No data available	Explosive Properties:	No data available
Viscosity @ 77°F/25°C:	< 15,000 mPa.s	Oxidizing Properties:	No data available
Percent Solid:	Approx. 9.3%	Percent Volatile:	90.2-91.2% (percent by weight)

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Do not freeze.
Incompatible Materials:	Strong oxidizers hydrogen peroxide (H2O2).
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors such as, hydrogen chloride, chlorinated compounds, nitrogen oxides ammonia. Irritating and toxic substances that may be emitted upon combustion may generate smoke, carbon monoxide, carbon dioxide, hydrogen chloride, chlorinated compounds, and other products of incomplete combustion.
Possible Hazardous Reactions:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	(Rabbit) LD50: > 21,000 mg/kg. Not expected to be or classified as a primary skin irritant.
Eyes:	(Rabbit) Not classified as a primary eye irritant.
Inhalation:	No data available.
Ingestion:	(Rat) LD50 >39,800 mg/kg. May cause irritation of the gastrointestinal tract.
Carcinogenicity:	
IARC:	No carcinogenic components identified.
NTP:	No carcinogenic components identified.
OSHA:	No carcinogenic components identified.
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.
Skin Sensitization:	Not a skin sensitizer.

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.
Product Containers:	Container packaging may exhibit hazards. Since emptied containers retain product residue, follow label warnings even after container is emptied. 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):	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.
Transport in bulk according to Annex II of MARPOL and the IBC Code:	None known.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All substances contained in this product are listed on the TSCA inventory or are exempt.
TSCA Section 12(b):	None present or none present in regulated quantities for export notification (40 CFR 707, Subpt. D)
TSCA Section 5(a) SNUR:	None present or none present in regulated quantities (40 CFR 721, Subpt E).
CERCLA:	No hazardous substances present or none present in regulated quantities (40 CFR 302.4).
SARA 311:	Not classified.
SARA 302:	No extremely hazardous substances present or none present in regulated quantities.
SARA 304:	None present or none present in regulated quantities for emergency release notification.
SARA 313 (TRI Reporting):	None present or none present in regulated quantities.
California Prop. 65:	This product can expose you to chemicals including Acrylamide (1 ppm), which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov
Canada (DSL/NDL):	Exempt from DSL-listing for pharmaceutical or personal care use for substances in F&DA products that were on the market between January 1, 1987 and September 13, 2001.
EU Union (REACH):	To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com
Great Britain (UK REACH):	To obtain information of the UK REACH compliance status of this product, please e-mail REACH@SDSInquiries.com
China (IECSC):	All components of this product are listed on the inventory of existing chemical substances in China.
Australia (AICS):	All components are in compliance with chemical notification requirements in Australia.
Japan (ENCS):	All components are in compliance with the chemical substances control law of Japan.
Philippines (PICCS):	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
Switzerland (SWISS):	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Korea (ECL):	All components are in compliance with Korea.
Taiwan (TCSCA):	All components of this product are listed on the Taiwan Inventory.
Turkey (KKDIK):	To obtain information on the KKDIK compliance status of this product, please email REACH@SDSInquiries.com
New Zealand (NZIoC):	All components are in compliance with chemical notification requirements in New Zealand.

16 OTHER INFORMATION

Revision Date:	23-Dec-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication

Disclaimer:

Standard 29 CFR 1910.1200

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.