

Polyquaternium-7

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

Revision Date: 09-Jun-2021
Supersedes: 20-Feb-2018

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:	Polyquaternium-7, water, sodium benzoate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	26590-05-6, 7732-18-5, 532-32-1	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

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 expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.		
NFPA Ratings (704):	Health	1	Slight
	Flammability	1	Slight
	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>
Polyquaternium-7	26590-05-6	8-10%	Not Available
Water	7732-18-5	89-93%	Not Available
Sodium Benzoate	532-32-1	0.4%	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. Seek medical attention if necessary.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed. Seek medical attention if necessary.
Skin:	Wash with soap and water. If skin irritation occurs, get medical attention.
Ingestion:	Treat symptomatically. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry chemical, foam, water spray, water fog, carbon dioxide) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus operated in the positive pressure mode, 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 release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage 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.

7 HANDLING & STORAGE

Precautions for safe handling:	Observe good industrial hygiene practices. Provide adequate investigation. 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 contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Keep from freezing. Store in original container. Do not store in open, unlabeled, or mislabeled containers. 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>
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:	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. Under normal use conditions, respirator is not normally required. Use appropriate respiratory protection if exposure to dust particles, mist, or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas, and for large spill clean-up sites.
Body:	Polyvinyl chloride (PVC). Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves. Suitable gloves can be recommended by the glove supplier. Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches, or similar apparel that could entrap the material.
Other:	Use material in well-ventilated area only. Adequate ventilation should be provided so that exposure limits are not exceeded. Mechanical ventilation or local exhaust ventilation may be required. Always observe good industrial hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. 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:	<18 torr (@ 77°F / 25°C)
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	Flash Point:	>201°F (94°C)
Boiling Point:	Approximate 212°F (100°C)	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Soluble
Relative Density:	1.02 (@ 77°F / 25°C)	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	<15,000 mPas (@ 77°F / 25°C)	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	Approximate 0°C
Bulk Density:	Approximate 8.5 lb/gal (@ 77°F / 25°C)	Percent Solid:	Approximate 9.3% (percent)
VOC:	0%	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:	Will not occur.
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. Hydrogen chloride. Chlorinated compounds. Nitrogen Oxides Ammonia. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	LD50: >21,000 mg/kg
Eyes:	Not irritating. Not classified as a primary eye irritant.
Respiratory:	Not classified for acute toxicity based on available data.
Ingestion:	LD50: >39,800 mg/kg - May cause irritation of gastrointestinal tract.
Carcinogenicity:	Not listed as a carcinogen by IARC, NTP, or OSHA.
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:	Not a skin sensitizer.
Irritation:	Not irritating. Not expected to be a primary skin irritant.
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
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
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Product Containers: consult with appropriate regulatory agencies if necessary, before disposing of waste product 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.

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:	TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) - None present or none present in regulated quantities.
DSCL (EEC):	No data available
DSL/NDL (Canada):	Exempt from DSL-listing for pharmaceutical or personal care use for substances in F&DA products that were on the market between 1 January 1987 and 13 September 2001.
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	All components of this product are listed on the Inventory of Existing Chemical Substances in China
China IECIC (06.30.2014):	No data available
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:	This product requires notification before sale in the Philippines.
Korea KECL:	This product contains one or more components that are not included on the Korean Existing Chemicals List (KECL). It is intended for use solely as a cosmetic ingredient in Korea.
New Zealand (NZIoC):	All components are in compliance with chemical notification requirements in New Zealand.
Switzerland (SWISS):	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Taiwan (TCSCA):	All components of this product are listed on the Taiwan inventory.
CERCLA Hazardous Substance List (40 CFR 302.4):	None present or none present in regulated quantities.
SARA 311 Classifications:	Not classified.
SARA 302 Extremely Hazardous Substance:	None present or none present in regulated quantities.
SARA 304 Emergency Release Notification:	None present or none present in regulated quantities.
SARA 313 (TRI Reporting):	None present or none present in regulated quantities.
California Prop. 65:	This product may contain chemical(s) known to the state of California to cause cancer and/or birth defects.
EU (REACH):	To obtain information on the REACH compliance status of this product, please email REACH@SDSInquiries.com

16 OTHER INFORMATION

Revision Date: 09-Jun-2021

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.