

Polyquaternium-10

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

Revision Date: 19-Jun-2023
Supersedes: 24-Aug-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polyquaternium-10	Distributor:	MakingCosmetics.com Inc.
Synonyms:	N/A	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Polyquaternium-10	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	68610-92-4	Web:	www.makingcosmetics.com
Formula:	N/A		
Product Form:	Powder		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Signal Word: **WARNING**
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: Keep container tightly closed.
 Do not handle until all safety precautions have been read and understood.
 Get medical advice/attention if you feel unwell.
 Wash contaminated clothing before reuse.

Potential Health Hazards: Eyes: Not an eye irritant.
 Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
 Skin: Not a skin irritant.
 Ingestion: May be harmful if swallowed.

NFPA Ratings (704):

Health	0
Flammability	1
Reactivity	0
Specific Hazard	n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polyquaternium-10	68610-92-4	99-100%	n/a

4 FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention if necessary

Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Skin: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Product is flammable. Use appropriate media for adjacent fire. Cool unopened containers with water. Use dry chemical, foam or carbon dioxide, water spray.

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

Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

Avoid eyes/face contact. Avoid long time skin contact. Do not take internally. Restrict access to area as appropriate until clean-up operations are complete. Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Do not touch spilled materials. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions:

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements

Methods and material for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with soap and water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment. Avoid direct or prolonged contact with eyes. Do not take internally. Use with adequate ventilation. Avoid generating dusts. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.

Conditions for safe storage, incl. any incompatibilities:

Store in tightly closed containers. Store cool, dry well-ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities). Store away from heat and sources of ignition.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Polyquaternium-10	n/a	n/a	n/a

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 chemical safety glasses or goggles.
Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin: Wear nitrile or rubber gloves, apron or lab coat.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Light yellowish powder	Vapor Pressure:	Not available
Odor:	Not available	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Yellowish	Flammability:	Not available
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (1% solution)	5.5 - 6.5 @ 25 °C	Solubility:	Soluble in water
Boiling Point:	Not available	Viscosity (cps):	1,000 - 2,5000 (25 °C)
Melting Point:	Not available		
Flash Point:	Not available		
Specific Gravity:	Not available		

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and handling conditions.
Chemical Stability: Stable under normal temperatures and pressure.
Possibility of Hazardous Reactions: Will not occur
Conditions to Avoid: Avoid extremes of temperatures, and sources of ignition including static discharges. Avoid the generation of dusts.
Incompatible Materials: Not available
Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen, HCl, may evolve ammonia under fire conditions.
Special Remarks: Not available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	
Skin:	Acute Dermal toxicity: LD50: >4000mg/kg(rabbit)
Eyes:	Contact may cause eye irritation
Respiratory:	Not known.
Ingestion:	Acute Oral toxicity: LD50: >5000mg/kg (rat).
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 significantly change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not dangerous goods
Proper Shipping Name:	CLEANING COMPOUNDS OTHER THAN LIQUID
TDG (Transportation of Dangerous Goods, Canada):	Not dangerous goods
IMDG (International Maritime Dangerous Goods):	Not dangerous goods
IATA (International Air Transport Association):	Not dangerous goods
ICAO (International Civil Aviation Organization):	Not dangerous goods

15 REGULATORY INFORMATION

OSHA Specifically Regulated Substances:	Not listed
EC Classification:	Non-applicable
EPA Registration Number:	Non-applicable
California Proposition 65	None known.
SARA 312:	Not listed
SARA 313:	Not listed
PA Right to know chemicals:	None known
NJ Right to know chemicals:	None known

16 OTHER INFORMATION

Revision Date: 19-Jun-2023

- 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.