

Polyquaternium-10

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

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Polyquaternium-10
Synonyms: No data available
INCI Name: Polyquaternium-10
CAS Number: 68610-92-4
Formula: No data available
Product Form: Powder
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Not classified
Labeling: **WARNING!**
Hazard Pictograms: None.
Hazard Statements: None.
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	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Polyquaternium-10	68610-92-4	100%	Not Available

4 FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.
Skin: Immediately remove the contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Ingestion: Do Not Induce Vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (sprayed water jet, foam, dry powder, CO₂) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.

Specific hazards arising from the chemical: Not determined. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Avoid eyes/face contact. Avoid prolonged skin contact. Do not ingest. 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. 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.

Methods and material for containment and cleaning up: Vacuum or sweep into closed container for disposal. Wash area with soap and water. Remove to landfill or incinerate in accordance with local regulations. Puncture or otherwise destroy empty container before disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid direct and 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. Keep container tightly closed and dry. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials. Store 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-10	Not established		
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 safety glasses.

Inhalation: Wear dust mask with particle filter.

Body: Wear suitable gloves (e.g. of PVC or nitrile rubber) and full protective clothing.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	No data available
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Light yellow8	Flammability:	Undetermined
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal temperatures and handling conditions.
Chemical Stability:	Stable under normal temperatures and pressure.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid extremes of temperatures, sources of ignition including static discharges. Avoid generating dusts.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Oxides of carbon, oxides of nitrogen, HCl, may evolve ammonia under fire conditions.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	(Rabbit) Acute dermal toxicity: LD50: >4000 mg/kg.
Eyes:	May cause eye irritation.
Inhalation:	No data available.
Ingestion:	(Rat) Acute oral toxicity: LD50: >5000 mg/kg.
Carcinogenicity:	Not listed under NTP, IARC, OSHA, or GHS.
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.
Sensitization:	No data available.
Chronic Toxicity:	No.

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.
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):	UN Number: Non-Hazardous. Proper Shipping Name: CLEANING COMPOUNDS OTHER THAN LIQUID.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	No data available.
IATA (International Air Transport Association):	No data available.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not subject to TSCA.
OSHA Regulated Hazard:	No.
E C Classification:	Non-applicable.
SARA 312:	No regulated chemicals.
SARA 313:	No regulated chemicals.
EPA Registration Number:	Non-applicable.
California Prop. 65:	Dixane < 1ppm, Ethylene oxide 1ppm, 1,2-Ethanedione (glyoxal) <50ppm.
PA Right to Know:	None known.
NJ Right to Know:	None known.
Additional State Regulations:	None known.
Canada:	Non-applicable.

16 OTHER INFORMATION

Revision Date:	22-Jul-2025
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.