
Polyquaternium 10

1. Identification

FEMA No	N/A
CAS No.	53568-66-4, 54351-50-7, 55353-19-0, 68610-92-4, 81859-24-7
Chemical Name	Polyquaternium-10
Hazardous Identification	This product does not contain any hazardous ingredients.

3. Physical Data

Appearance	Light yellowish powder
Odor	Characteristic
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Water Solubility	YES

4. Fire and Explosion Hazard

Extinguishing Media	Water fog.
Risks Arising from Combustion	It may emit noxious fumes.
Protective Equipment	Use self-contained breathing apparatus.

5. Reactivity Data

Conditions to avoid	Stable under normal conditions.
Materials to avoid	Oxidizers
Hazardous decomposition products	May occur at temperatures over 100°C

6. Health Hazards

Acute toxicity	LD50:> 16.0; 1 mL = 0.20 g in corn oil.
Skin contact	Wash with plenty of water. Remove contaminated clothing.
Eye contact	Rinse immediately with water for at least 10 min keeping eyelids raised.
Inhalation/Ingestion	Remove victim to fresh air. If gastrointestinal discomfort develops, consult a physician.

7. Spill or Leak Procedures

Personal precautions	Use gloves and goggles.
Environmental precautions	Organic component of the product is biodegradable.
Methods for cleaning	Vacuum or sweep into closed container for disposal.

9. Special Protection Information

Engineering measures	Give adequate ventilation to the premises where the product is stored and/or handled.
Personal protection equipment	Not needed for normal use.
Control Parameters	Not needed for normal use.
Eye protection	Goggles
Hand protection	Gloves
Hygiene measures	Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

10. Special Precautions or Other Comments

Handling	Avoid breathing dust. Open, handle and use under well ventilated conditions.
Storage	Store in cool, dry place in well closed light resistant containers.
Disposal	If possible recover the product, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.

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