



Specialized in chemicals

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Material Safety Data Sheet

POLYQUATERNIUM-10 MSDS

Section 1: Chemical Product and Company Identification

NAME OF SUBSTANCE: **POLYQUATERNIUM-10**

Contact Information:

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Section 2: Composition and Information on Ingredients

Chemical characterization:

Cellulose, 2-hydroxyethyl 2-hydroxy-3-(trimethylammonio propyl ether,
chloride

Nitrogen (%): 1.7%

CAS NO.: 54351-50-7, 53568-66-4, 55353-19-0, 81859-24-7

Section 3: Hazards Identification

Emergency overview:

Possible physical irritant from dust particles. Potential for dust explosion. Tan powder. Negligible odor.

Eye: Particulates may scratch eye surfaces and cause mechanical irritation.

Skin contact: Repeated or prolonged skin contact may result in mild irritation.

Inhalation: This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m³. dust is irritant to the respiratory tract.

Ingestion: Ingestion may cause irritation of the gastrointestinal tract.

Section 4: First Aid Measures

Eye: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

Skin contact: Wash skin soap and water. If symptoms develop, obtain medical attention.

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

Ingestion: Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an.

Section 5: Fire and Explosion Data

Autoignition: Not available

Flash point: Not applicable

Extinguishing media: CO; Dry chemical; Foam; Water fog

Special firefighting procedures:

Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Fire & Explosion hazards:

Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Product contains low level of organic volatiles which may be emitted at elevated temperatures.

Hazardous combustion products:

Carbon monoxide, carbon dioxide, unknown hydrocarbons.

Lower explosion limit (%): Not applicable

Upper explosion limit (%):Not applicable

Flammability hazard class: 1= Slight

Section 6: Accidental Release Measures

Spill and leak procedures:

Normal precautions for “nuisance dust” should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary.

Section 7: Handling and Storage

Handling/Storage:

Store in a cool, dry area away from heat, sparks or fire. Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded.

Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.

Sensitivity to static electricity: Yes

Sensitivity to Mechanical impact: No

Section 8: Exposure Controls/Personal Protection

Ventilation requirements: Local

Eye protection requirements: Wear safety glasses with side shields. Protect against dust and particulates. Glove requirements: The use of chemically resistant gloves is recommended. Clothing requirements: Uniforms, coveralls, or a lab coat should be worn. Change/removal of clothing: Remove contaminated clothing and launder before reuse. Wash requirements: Wash exposed areas with soap and water.

Respirator requirements: None required under normal handling conditions. Use NIOSH approved dust mask if dust levels are irritating.

Section 9: Physical and Chemical Properties

Appearance: Light yellow powder

Odour: non odor

Flashing point: N/A

Self sustained combustion: Not

Oxidizing property: Not

Vapor pressure: Not

Density: 0.65g/M³

Solubility in water: Freely soluble in water

PH (1% SOL'N): 5-7

Section 10: Stability and Reactivity Data

Stability: Stable

Stability detail: Stable under normal temperature and pressure.

Product contains low level of organic volatiles
which may be emitted or released in
application processes involving the use of heat.
Vent all ovens and process vessels to the
outside atmosphere.
Reactivity hazard class: 0=Stable

Section 11: Toxicological Information

Route of entry: Eye contact; Skin contact; Inhalation;
Ingestion
Chronic (long term) effects of exposure
Effects of chronic exposure: Not established
Target organs: Not applicable
Carcinogen: No
Product toxicology
Product information: Unlikely to cause harmful effects under
normal conditions of handling and use.

Section 12: Ecological Information

Potential to bioaccumulate: Unknown
Aquatic toxicity: None established

Section 13: Disposal Considerations

Waste disposal methods: Disposal should be in accordance with local, state or national legislation.

Empty container warnings: Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

Section 14: Transport Information

This section provided for general information only.

For Non-bulk shipping only

For More complete transportation regulatory information please refer to the shipping documents accompanying the shipment of this product.

DOT CLASSIFICATION

PROPER SHIPPING NAME NOT APPLICABLE

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

Section 15: Other Regulatory Information

TSCA All components are on the TSCA inventory

SARA/TITLE III CAS NUMVER CONCENTRATION(%)

Contains no substances at or above the reporting

Threshold under Section 313.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.