

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-753/75345-27-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
75345-27-6

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
POLYQUATERNIUM 1 \*93-4\*

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
USE NIOSH/MSHA APPROVED RESPIRATOR.

**Ventilation:**  
4 USE GENERAL OR LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment APPROPRIATE LABORATORY APPAREL

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
PARENTERAL CONTACT W/HIGH CONCENTRATIONS OF SOME OF THE COMPONENTS ARE KNOWN TO PRODUCT TOXICITY REACTIONS. AS THE CONCENTRATIONS ARE RELATIVELY SMALL, THIS FORMULATION SHOULDN'T PRESENT A SIGNIFICANT CONTACT HAZARD TO HUMANS.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: SOME COMPONENTS MAY CAUSE IRRITATION TO RESPIRATORY TRACT. SKIN: IRRITATION. EYES: OCULAR IRRITATION MAY OCCUR FOLLOWING AN EXCESSIVE ICAL OCULAR EXPOSURE BEYOND THERAPEUTIC LEVELS SUCH AS IN PRODUCT ABUSE OR IN AN INDUSTRIAL ACCIDENT.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K 3

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, PERFORM ARTIFICIAL RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN: FLUSH W/PLENTY OF WATER. EYES: REMOVE CONTACT LENSES. FLUSH W/PLENTY OF WATER. INGESTION: WASH OUT MOUTH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
WEAR PROTECTIVE EQUIPMENT. VACUUM OR SWEEP SPILL. AVOID DUST. PLACE SPILL IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A TIGHT CONTAINER AS DEFINED IN THE U.S. PHARMACOPEIA. HANDLE & STORE PER LABEL & OTHER INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY.

**Other Precautions:**  
DON'T PERMIT EATING, DRINKING OR SMOKING NEAR MATERIAL. AVOID CONTACT W/SKIN, EYES, CLOTHING & BREATHING OF DUST OR MIST. USE W/ADEQUATE DUST CONTROL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE EXTINGUISHING MEDIA APPROPRIATE FOR THE SURROUNDING FIRE CONDITIONS.

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
MISCIBLE

**Appearance and Odor:**  
CLEAR AQUEOUS SOLUTION

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
N/K

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K 5

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P

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WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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