

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

ACGIH STEL:

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 SHOULDNT PRESENT A SIGNIFICANT CONTACT HAZARD TO HUMANS.

Health Hazards Data

LD50/LC50 Mixture:

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 OCULAR EXPOSURE BEYOND THERAPEUTIC LEVELS SUCH AS IN PRODUCT ABUSE OR IN AN INDUSTRIAL ACCIDENT.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms 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:

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:

N/K

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 %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K 3

Miscible in Water:

MISCIBLE

Appearance and Odor:

CLEAR AQUEOUS SOLUTION

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K 5

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/K

Materials To Avoid:

N/K

Hazardous Decomposition Products:

N/K

Hazardous Polymerization Indicator:

N/K

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: N/P

Information: N/P

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

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "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 not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the information contained in this document. The user shall be held fully responsible for any handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

WARRANTY: The above information is believed to be correct but does not purport to be "inclusive and shall be used only as a