

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-635/63589-59-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

63589-59-3

**Code:**

M

**RTECS:****Code:**

X

**Name:**

FERROUS ETHYLEDIAMMONIUM SULFATE \*91/4\*

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

**Ventilation:**

NONE REQUIRED

**Protective Gloves:**

RUBBER OR IMPERVIOUS

**Eye Protection:**

CHEMICAL SAFETY GLASSES OR FACE SHIELD

**Other Protective Equipment:**

Equipment RUBBER APRON, EYE WASH & SAFETY SHOWER

**Work Hygienic Practices:**

N/K 3

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50LC50Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

SKIN: CORROSIVE, IRRITATION, OPEN WOUNDS, RASHES OR SORES. EYES: IRRITATION & CORROSIVE. INHALATION: RESPIRATORY TRACT IRRITATION, CORROSIVE & IMPAIRED BREATHING.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

SKIN: IRRITATION, OPEN WOUNDS, RASHES OR SORES, CORROSIVE. EYE: CORROSIVE & IRRITATION. INHALATION: IMPAIRED BREATHING, RESPIRATORY TRACT IRRITATION.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

SKIN: FLUSH W/WATER, THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: DRINK PLENTY OF WATER. AVOID ALCOHOLIC BEVERAGES. DON'T GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: MOVE VICTIM TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, APPLY ARTIFICIAL RESPIRATION IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WIPE UP SPILL & FLUSH AREA W/WATER. IF SPILL IS EXCESSIVE, DILUTE W/WATER & WIPE UP.

**Neutralizing Agent:**

N/K 2

**Waste Disposal Methods:**

FLUSH SMALL QUANTITIES OF MATERIAL TO SANITARY SEWER W/EXCESS WATER IF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. CORROSIVE MATERIAL, UN 1759.

**Handling And Storage Precautions:**

AVOID CONTACT W/SKIN & EYES. DON'T TAKE INTERNALLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID BREATHING VAPORS OR MISTS.

**Other Precautions:**

WASH THOROUGHLY AFTER HANDLING & BEFORE EATING, DRINKING, OR SMOKING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/R

**Flash Point Text:**

N/R

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

WATER, CO<sub>2</sub>, DRY CHEMICAL OR FOAM

**Fire Fighting Procedures:**

NONE

**Unusual Fire/Explosion Hazard:**

CORROSIVE MATERIAL

## Physical/Chemical Properties

**HCC:****NRC/State IC No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/R

**B.P. Text:**

N/R

**Melt/Freeze Pt:**

N/R

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

N/A

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/R

**N.Vapor Density:**

N/R

**Volatile Org Content %:**

N/R

**Spec Gravity:**

N/R

**VOC Pounds/Gallon:**

N/R

**PH:**

N/R

**VOC Grams/Liter:**

N/R

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/R

**Solubility in Water:**

SOLUBLE

**Appearance and Odor:**

LIGHT GREEN POWDER

**Percent Volatiles by Volume:**

N/R

**Decomposition Rate:**

N/K

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT & OPEN FLAMES

**Materials To Avoid:**

N/K

**Hazardous Decomposition Products:**

TOXIC FUMES, SULFUR OXIDES

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## 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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