

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-189/18996-35-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

18996-35-5

Code:

M

RTECS:

GE7950000

Code:

M

Name:

CITRIC ACID MONOSODIUM SALT

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:

N/K

Ventilation:

ADEQUATE

Protective Gloves:

DISPOSABLE LATEX

Eye Protection:

LAB GRADE GOGGLES

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

N/K

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

IRRITATION TO EYES, SKIN, & RESPIRATORY TRACT & MAY CAUSE ALLERGIC RESPIRATORY TRACT REACTION. INGESTION: MAY CAUSE GI IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, COUGHING, BREATHING DIFFICULTY, STOMACH PAIN, VOMITING, DIARRHEA, CNS & CIRCULATORY EFFECTS.

Medical Cond Aggravated By Exposure:

ASTHMA

First Aid:

EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. GIVE 1-2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: GIVE CPR IF NEEDED. REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

SCOOP MATERIAL INTO A BEAKER & DISSOLVE W/WATER. NEUTRALIZE TO A PH BETWEEN 6 & 9 W/ALKALI SUCH AS SODA ASH. FLUSH NEUTRALIZED WASTE TO THE DRAIN W/EXCESS OF WATER.

Neutralizing Agent:

SODA ASH.

Waste Disposal Methods:

DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

PROTECT FROM MOISTURE. KEEP AWAY FROM ACIDS.

Other Precautions:

AVOID CONTACT W/EYES & SKIN. DON'T BREATHE DUST.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/R

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

3 DRY CHEMICAL, ALCOHOL FOAM/CO2

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:

HEATS SPONTANEOUSLY IN CONTACT W/WATER. FLAMMABLE. CORROSIVE FUMES IN CONTACT W/WATER/ACIDS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/K

Melt/Freeze Pt:

N/K

M.P/F.P Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

N.R.Pres:

N/R

N.Vapor Density:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Grams/Gallon:

N/K

PH:

3.8

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

WHITE POWDER, SOLID W/SULFUR ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESS MOISTURE, HEAT, FLAMES.

Materials To Avoid:

ACIDS, OXIDIZERS.

Hazardous Decomposition Products:

TOXIC & CORROSIVE SULFUR DIOXIDE FUMES

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

Information: