

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

ACGIHSTEL:
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 Symptions 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 FRES H 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:

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:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: 3.8

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
WHITE POWDER, SOLID W/SULFUR ODOR 4

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



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