

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-994/994-36-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
994-36-5
Code:
M

RTECS:

Code:
X

Name:
SODIUM CITRATE

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WHEN DUSTY CONDITIONS EXIST, WEAR A NIOSH/MSHA APPROVED DUST MASK TO GUARD AGAINST NUISANCE PARTICULATES.

Ventilation:
PROVIDE GENERAL VENTILATION AND LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N). 11

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING ARE USUALLY NOT NECESSARY BUT MAY BE DESIRABLE IN SPECIFIC WORK SITUATIONS.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER. 9

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: MAY DEVELOP SUFFICIENT HEAT TO CAUSE BURNS IF LARGE MASS, SUCH AS CAST OF HAND OR ARM, IS KEPT IN CONTACT WITH SKIN WHILE HARDENING. MAY DRY SKIN. INHALATION: BREATHING OF MIXING DUST MAY CAUSE IRRITATION TO EYES, NOSE, THROAT, OR UPPER RESPIRATORY SYSTEM. INGESTION: PLASTER HARDENS WHEN WETTED, (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:
NOT RELEVANT.

Signs And Symptions Of Overexposure:
HEALTH HAZARDS: AND IF INGESTED MAY RESULT IN OBSTRUCTION.

Medical Cond Aggravated By Exposure:
PRE-EXISTING UPPER RESPIRATORY AND MEDICAL DISEASE SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.

First Aid:
EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE PARTICLES. IF IRRITATION PERSISTS, CALL PHYSICIAN. SKIN: WASH WITH WATER. INGESTION: PLASTER HARDENS WHEN WETTED, AND IF INGESTED MAY RESULT IN OBSTRUCTION. CALL PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

Spill Release Procedures:
SWEEP OR VACUUM MATERIAL FROM SPILLAGE INTO WASTE CONTAINER FOR DISPOSAL. AVOID DUSTING CONDITIONS. SLURRY MAY PLUG DRAINS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
MATERIAL CAN BE DISPOSED OF AS AN INERT SOLID IN LANDFILL OR BY OTHER PROCEDURES WHICH ARE ACCEPTED UNDER FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
DEW POINT CONDITIONS, OR OTHER CONDITIONS CAUSING PRESENCE OF LIQUID WATER, WILL HARDEN PLASTER DURING STORAGE. 10

Other Precautions:
BE SURE PROPER VENTILATION, RESPIRATOR AND EYE PROTECTION ARE USED UNDER DUSTING CONDITIONS.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE MEDIA SUITABLE FOR SURROUNDING FIRE CONDITIONS (FP N).

Fire Fighting Procedures:
WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

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:
2642F,1450C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
2.6-3.2(H*20=1)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
0.2%

Appearance and Odor:
WHITE POWDER, LOW ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
12 YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
ACIDS.

Hazardous Decomposition Products:
ABOVE 1450C-SO*2, CA*O.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT.

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