

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-314/3147-14-6.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

3147-14-6

### Code:

M

### RTECS:

### Code:

X

### Name:

CALMAGITE

### Other REC Limits:

NONE RECOMMENDED

### OSHA PEL:

NOT ESTABLISHED

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

NOT ESTABLISHED

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NONE SPECIFIED BY MANUFACTURER.

### Ventilation:

ADEQUATE VENTILATION

### Protective Gloves:

DISPOSABLE LATEX GLOVES

### Eye Protection:

LAB GRADE GOGGLES

### Other Protective Equipment:

Equipment LAB COAT

### Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING.

### Supplemental Safety and Health:

N/P

## Health Hazards Data

### LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

THIS PRODUCT MAY BE IRRIT TO EYES/SKIN.ACUTE TOXICITY:NOT DETERMINED.CHRONIC TOXICITY:NOT DETERMINED.

### Explanation Of Carcinogenicity:

PER MSDS:CANCE INFO:AN INGRED OF THIS MIXTURE IS EXPERIMENTAL MUTAGEN & EXPERIMENTAL TERATOGEN.

### Signs And Symptoms Of Overexposure:

MAY CAUSE EYE/SKIN IRRIT.CHRONIC OVEREXPO MAY DAMAGE RED BLOOD CELLS.

### Medical Cond Aggravated By Exposure:

ISOPROPANOL MAY AGGRAVE PRE-EXISTING SKIN DISORDERS & IMPAIRED PULMONARY FUNCTION SUCH AS OBSTRUCTIVE AIRWAY DISEASES. TARGET ORGANS:NOT DETERMINED.

### First Aid:

EYE/SKIN CONTACT:IMMED FLUSH WW/WAWTER FOR 15MINS.REMOVE CONTAM CLOTH.CALL PHYSICIAN.INGEST:DONT INDUCE VOMIT.GIE 1-2 GLASSES OF WATER.CALL PHYSICIAN IMMED.NEVER 4 GIVE ANYTHING BY MOUTH IF UNCONSC.INHA L:REMOVE TO FRESH AIR.

### Spill Release Procedures:

ABSORB MATL ON NON-REACTIVE MATL.SOAK UP MATL & DIPSO OF IN EPA APPROVED HAZARDOUS WASTE FACILITY.DECONTAM SITE W/SOAP SOLUTION.

### Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

### Waste Disposal Methods:

DISPOSE IN ACCORDANCE W/ALL LOCAL, STATE AND FEDERAL REGULATIONS.

### Handling And Storage Precautions:

STORE IN COOL DRY PLACE.KEEP AWAY FROM OXIDIZERS.AVOID CONTACT W/EYE/SKIN.DONT BREATHE VAPOR.

### Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

### Flash Point Method:

SCC

### Flash Point:

### Flash Point Text:

78.3F,25.7C

### Autoignition Temp:

### Autoignition Temp Text:

N/DETR

### Lower Limits:

N/DETERMINED

### Upper Limits:

N/DETERMINED

### Extinguishing Media:

ALCOHOL FOAM

### Fire Fighting Procedures:

NONE SPECIFIED BY MANUFACTURER.

### Unusual Fire/Explosion Hazard:

FLAMMABLE;MAY EMIT TOXIC FUMES 5

## Physical/Chemical Properties

### HCC:

F6

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

### VOC Pounds/Gallon:

### Boiling Point:

### B.P. Text:

244F,118C

### Melt/Freeze Pt:

### M.P./F.P. Text:

NA

### Decomp Temp:

### Decomp Text:

NP

### N/D/Pres:

### N/DETERMINED:

### N/DETERMIN 6:

### N/DETERMIN 6:

### Volatile Org Content %:

### Spec Gravity:

1.01

### PH: 1.09

### VOC Grams/Liter:

### Viscosity:

NP

### Evaporation Rate & Reference:

0.03 (WATER=1)

### Solubility in Water:

SOLUBLE

### Appearance and Odor:

LIQUID, CLEAR, DARK RED, FRUITY ODOR

### Percent Volatiles by Volume:

### NONE SPECIFIED

### Corrosion Rate:

0.001

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

HEAT, FLAMES, CONTACT W/OXIDIZERS.

### Materials To Avoid:

### OXIDIZERS

### Hazardous Decomposition Products:

MAY EMIT TOXIC FUMES OF CARBON MONOXIDE AND CARBON DIOXIDE IN FIRE

### Hazardous Polymerization Indicator:

N/P

### Conditions To Avoid Polymerization:

NONE SPECIFIED BY MANUFACTURER.

## Toxicological 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