

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-132/13235-36-4.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

13235-36-4

### Code:

M

### RTECS:

### Code:

X

### Name:

ADDITIVE (CHELATING) (CONTAINING ING 6)

### Other REC Limits:

N/K

### OSHA PEL:

5 MG/M3 (MFR)

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

5 MG/M3 (MFR)

### Code:

M

### ACGIH STEL:

N/P

### Code:

2

## Control Measures

### Respiratory Protection:

WEAR NIOSH APPROVED RESP DESIGNED TO REMOVE COMBINATION OF PARTICULATES (DUST/SPRAY MIST) & VAP. WHEN BRUSHING, ROLLING/SPREADING SELECT APPROP RESP PROT FOR CNDTNS. FOR SPECIFIC CNDTNS, REFER TO CURRENT "NIOSH POCKET GUIDE TO CHEM HAZS". IN CONFINED/RESTRICTED VENT AREAS USE NIOSH APPROVED AIR-LINE RESPS/HOODS. REFER TO 29 CFR, OSHA PARTS 1910.134 & (SUPDAT)

### Ventilation:

IMPLEMENT ADMIN & ENGINEERING CONTROLS TO REDUCE EXPOS. PROVIDE SUFFICIENT VENT IN VOL & PATTERN TO KEEP AIR CONTAM CONCS BELOW TLV LIMS. REMOVE (SUPDAT)

### Protective Gloves:

IMPERVIOUS GLOVES (FP N).

### Eye Protection:

ANSI APPROVED CHEM WORKERS GOGGS & FULLLGTH FSHLD(FP N).

### Other Protective Equipment:

Equipment ANSI APPROVED EYE WASH FOUNTAIN & DELUGE SHOWER (FP N). DEPENDENT UPON APPLICATION METH WEAR RESIST COVERALLS & SHOE COVERINGS TO PVNT SKIN CONT. CONSULT 29 CFR 1910.134, 133, 136, 138; ANSI Z87.1, Z41. 4

### Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING & BEFORE EATING, SMOKING OR USING TOILET. LAUNDER CONTAMINATED CLOTHING BEFORE USE.

### Supplemental Safety and Health:

RESP PROT: 1915 FOR COATING OPERATIONS; PART 1910.145 CONFINED SPACES; ANSI Z88.2, PRACTICES FOR RESP PROT. VENT: WELDING/FLAME CUTTING DECOMP PRODS; FOLLOW CURRENT ANSI Z49.1, "SFTY IN WELDING & CUTTING". REFER TO 29 CFR PARTS 1910 & 1915, FOR COATING OPERATIONS; PART 1910.146, CONFINED SPACES.

## Health Hazards Data

### LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

VAP, SPRAY MIST/SPATTERED MATL IRRIT TO EYES, SKIN, NOSE & THROAT. EXCESSIVE/PRNG INHAL CAN CAUSE HDCH, NAUS/DIZZ. SKIN:SEV IRRIT. SEV BURNS. CAN BE ABSORBED THRU SKIN. CAN CAUSE DEFAT & DRYING. INHA L:SEV IRRIT. LUNG INJURY. RESP SENSIT & ALLERGIC RXN SUCH AS ASTHMA. EYES:SEV IRRIT. CORNEAL INJURY. SEV BURNS. INGEST:CAN BE FATAL IF SWALLOWED. TARGET ORGANS:LUNGS, SKIN, EYES, STOMACH. WARNING:THIS PROD CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR

### Explanation Of Carcinogenicity:

NOT RELEVANT

### Signs And Symptoms Of Overexposure:

HLTH HAZ:SEV BURNS. INGEST:CAN BE FATAL IF SWALLOWED. TARGET ORGANS:LUNGS, SKIN, EYES, STOMACH. WARNING:THIS PROD CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

### Medical Cond Aggravated By Exposure:

SKIN, EYES, RESPIRATORY, LUNGS.

### First Aid:

INHAL:REMOVE TO FRESH AIR. RESTORE NORMAL BRTHG. TREAT SYMPTOMATICALLY. SEE MD. SKIN:WASH THORO W/SOAP & WATER. REMOVE CONTAM CLTHG. CONSULT MD IF IRRIT PERSISTS. EYES:FLUSH IMMED W/PLENTY OF WATER FO R AT LST 15 MINS & GET MED ATTN. INGEST:DRINK 1-2 GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERS. DO NOT INDUCE VOMIT. CONT MD/POIS CTL CTR IMMED. TREAT SYMPTOMATICALLY.

### Spill Release Procedures:

KEEP OUT OF SEWERS & WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL AUTHORITIES.

### Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

### Waste Disposal Methods:

3 PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER I/A/W ALL APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP).

### Handling And Storage Precautions:

KEEP CONTAINER CLOSED, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID PROLONGED STORAGE TEMPERATURES ABOVE 100F.

### Other Precautions:

USE CAUTION WHEN POURING. AVOID BREATHING SANDING DUST. FOR INDUSTRIAL USE ONLY.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

NOT APPLICABLE

### Flash Point Text:

NOT APPLICABLE

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A

### Lower Limits:

N/A

### Upper Limits:

N/A

### Extinguishing Media:

FOAM, CARBON DIOXIDE, DRY CHEMICAL.

### Fire Fighting Procedures:

USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP/EXPLO WHEN EXPOS TO EXTREME HEAT.

### Unusual Fire/Explosion Hazard:

COMBUSTIBLE FLUID IIIIB. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT & PRESS BUILDUP. WATER/FOAM MAY CAUSE FROTHING DUE TO GENERATION OF CARBON DIOXIDE.

## Physical/Chemical Properties

### CC:

### NRC/State Lic No:

### Net Prop WT For Ammo:

### Boiling Point:

NOT APPLICABLE

### B.P. Text:

212F/100C

### Melt/Freeze Pt:

NOT APPLICABLE

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

N/K

### Decomp Temp:

NOT APPLICABLE

### Decomp Text:

N/K

### Vapor Pres:

NOT APPLICABLE

### Vapor Density:

NOT APPLICABLE

### Volatile Org Content %:

NOT APPLICABLE

### Spec Gravity:

1.02 (FP N)

### VOC Pounds/Gallon:

NOT APPLICABLE

### PH:

N/K

### VOC Grams/Liter:

NOT APPLICABLE

### Viscosity:

N/P

### Evaporation Rate & Reference:

NOT APPLICABLE

### Solubility in Water:

NOT APPLICABLE

### Appearance and Odor:

LIQUID; SOLVENT ODOR.

### Percent Volatiles by Volume:

90.7

### Corrosion Rate:

N/K

### 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:

N/P

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