

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-107/107-13-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
107-13-1
Code:
M

RTECS:
AT5250000
Code:
M

Name:
ACRYLONITRILE (SARA III)

Other REC Limits:
N/P

OSHA PEL:
SEE 1910.1045
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 2 PPM;A2 9394
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVD UP TO 30 MIN WHEN TLV EXCEEDED;SEE SUPP DATA

Ventilation:
LOCAL IF NEEDED TO KEEP BELOW TLV; 30FPM CAPTURE VEL RECOMND

Protective Gloves:
IMPERV NEOPRENE

Eye Protection:
TIGHT FIT GOGGLE IF IRRIT

Other Protective Equipment:
Equipment GUARD AGAINST CONTACT W/SHOES CLOTHING.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
PROLONGED USE OF RESPIRATOR-POSS O*2 DEFICIENCY; INDUSTRY USE ONYL;ACUTE TOXICITY-MODERATE;

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
HEADACHE, DIZZINESS, IRRITATION TO SKIN, EYES, & RESP ORGANS;ROUTE OF ENTRY:INHALATN, SKIN, INGESTN

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHAL: MOVE TO FRESH AIR; AVOID FURTHER OVEREXPOS; IF SYMPTOMS PERSISTS, SEE MD. SKIN: WASH W/HAND CLEANER, THEN SOAP & WATER. IF IRRIT OR DISORDERS DEVELOP, SEE MD.EYE:FLUSH IMMED W/H*20 15 MIN. SEE MD. INGEST: SEE MD; HAVE LIST OF INGREDAVAILABLE 4

Spill Release Procedures:
ABSORB MATERIAL IN VERMICULITE, EARTH OR OTHER INERTS. TRANSFER TO SUITABLE CONTAINER FOR DISPOSAL

Neutralizing Agent:
N/P

Waste Disposal Methods:
NOT REGULATED BY RCRA; DISPOSE IN ACCORDANCE W/FED,STATE & LOCAL REGS. MAY BE DEPOSITED IN SANITARY LANDFILL (MFGR).

Handling And Storage Precautions:
GUARD AGAINST INHAL OF EXCESS VAPORS. SKIN & EYE CONTACT,INGEST:CLEAN HANDS AFTER HANDLING;STORE UNDER 104F & AWAY FROM SOURCES OF IGNITION.APORS DISS

Other Precautions:
TO PREVENT FUMES FROM MIGRATING INTO OCCUPIED SECTIONS OF BLDG, CLOSE OR COVER ALL WINDOWS, DOORS, AIR INTAKES DURING & AFTER APPLICATION TILL VAPORS DISSIPATE. DONT USE IN INTERIOR OCCUP. BLD

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
81 F;27 C PMCC

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.0

Upper Limits:
7.0

Extinguishing Media:
CO*2, DRY CHEMICAL, FOAM (NFPA CLASS B EXTINGUISHER)

Fire Fighting Procedures:
FIREMEN SHOULD BE PROTECTED AGAINST NOXIOUS FUMES

Unusual Fire/Explosion Hazard:
5 HEAT CAN CAUSE EXCESSIVE PRESSURE BUILD-UP

Physical/Chemical Properties

HCC:
F4

NRC/State LIC No:
N/A

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
284 F;138 C

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A 6

Vapor Pres:
9.5

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
1.38

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
SLIGHT

Appearance and Odor:
SEMI-SOLID

Percent Volatiles by Volume:
<15

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/P

Materials To Avoid:
N/P

Hazardous Decomposition Products:
N/P

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
N/P

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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