

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-88/88-12-0.html> for suppliers of this product.

Composition/Information on Ingredient

88-12-0

Code:
M

RTECS:
UY6107000

Code:
M

Name:
1-VINYL-2-PYRROLIDINONE (IARC CARCINOGEN - GROUP

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M

ACGIHSTEL:
N/P

Code:

Respiratory Protection:
WEAR MSHA/NIOSH APPROVED

ENCOUNTERED.

Ventilation:
MECHANICAL LOCAL EXHAUST

Protective Gloves:
IMPERVIOUS

Eye Protection:
CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING, EYE WASH FACILITY, SAFETY SHOWER.

Work Hygienic Practices:

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (LAB ANIMAL): 1500 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: VAPOR/MIST CAUSES IRRITATION TO THE NOSE & THROAT. EYES: LIQUID/VAPOR CAUSES SUBSTANTIAL IRRITATION. SKIN: MODERATE IRRITATION. INGESTION: POSSIBLY HARMFUL. PROLONGED/REPEATED EXPOSURE CAN CAUSE CNS DEPRESSION, RESPIRATORY IRRITATION, LIVER DAMAGE, SKIN CORROSION, SERIOUS EYE INJURY.

Explanation Of Carcinogenicity:
SEE INGREDIENTS. ACCORDING TO CIBA 1-VINYL-2-PYRROLIDINONE HAS BEEN SHOWN TO CAUSE CANCER IN LABORTORY ANIMALS.

Signs And Symptions Of Overexposure:
IRRITATION, NAUSEA, HEADACHE, DIZZINESS, ALLERGIC REACTIONS.

Medical Cond Aggravated By Exposure:
ALLERGY, ECZEMA/SKIN CONDITIONS.

First Aid:
INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED. EYES/SKIN: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. INGESTION: DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: ALLERGIC DERMATITIS/RESPIRATORY RESPONSE IN SUSCEPTIBLE INDIVIDUALS MAY BE DELAYED FOR WEEKS/MONTHS.

Spill Release Procedures:
EVACUATE AREA. WEAR PROTECTIVE CLOTHING. DIKE & ABSORB W/INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR DISPOSAL. IF ON A POROUS SURFACE, GROUND WATER CONTAMINATION MUST BE CONSIDERED.

Neutralizing Agent:
N/K

Waste Disposal Methods:
INCINERATE LIQUID, LANDFILL/INCINERATE CONTAMINATED DIKING MATERIAL IAW/FEDERAL, STATE & LOCAL REGULATIONS. UN 281

Handling And Storage Precautions:
STORE AT <95F, INDOORS IN A COOL, DRY ADEQUATE VENTILATED AREA & OUT OF DIRECT SUNLIGHT.

Other Precautions:
AVOID ALL SKIN CONTACT. MAY CAUSE ALLERGIC REACTION.

CC

Flash Point:

Flash Point Text:
264.2F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, CO2, DRY CHEMICAL, WATER

Fire Fighting Procedures:
WEAR MSHA/NIOSH APPROVED PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE GEAR. (SEE SUPP)

Unusual Fire/Explosion Hazard:
SEALED CONTAINERS CAN EXPLODE. DECOMPOSITION & COMBUSTION PRODUCTS MAY BE TOXIC. HEAT/INHIBITOR DEPIILATION/EXPOSURE TO RADIATION (SEE SUPP)

Physical/Chemical Properties

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K 4

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
<1

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
1.15

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC =1):

Solubility in Water:
INSOLUBLE

Appearance and Odor:
CLEAR GREEN TO BROWN LIQUID W/ACRYLATE ODOR

Percent Volatiles by Volume:
10

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:

NO	
Stability Condition To Avoid: HEAT, DIRECT SUNLIGHT, RADIATION	
Materials To Avoid: STRONG OXIDIZING MATERIALS, INERT GASES	
Hazardous Decomposition Products: CO, CO2, OXIDES OF NITROGEN	
Hazardous Polymerization Indicator: YES	
Conditions To Avoid Polymerization: HEAT, UV RADIATION, FREE RADICAL INITIATORS, INERT GASES, STRONG OXIDIZING MATERIALS.	
Toxicological Information	

Toxicological Information

Information.NY/1

MSDS Transport Information

Information: N/P

Regulatory Inform

Sara Title III Information: N/P

Federal Regulatory Information: N/A

State Regulatory Information: N/A

Other Information

Other Information: N/A

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WARRANTY

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