

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-460/460-19-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
460-19-5
Code:
M

RTECS:
GT1925000
Code:
M

Name:
CYANOGEN

Other REC Limits:
10 PPM

OSHA PEL:
10 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
21 MG/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
RESPIRATORS APPROVED FOR CYANIDE DUSTS OR MISTS.

Ventilation:
LOCAL EXHAUST: ADEQUATE VENTILATION

Protective Gloves:
RUBBER GAUNTLET

Eye Protection:
CHEMICAL SAFETY GLASSES

Other Protective Equipment:
Equipment RUBBER BOOTS, APRON

Work Hygienic Practices:
REMOVE CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
N/K 3

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:
INHALATION: DIZZINESS, CONFUSION, HEADACHE, VOMITING, LOSS OF CONSCIOUSNESS, DEATH, IRRITATION TO EYES/NOSE, MOUTH.

SKIN: IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptions Of Overexposure:
INHALATION: DIZZINESS, CONFUSION, HEADACHE, VOMITING, LOSS OF CONSCIOUSNESS, DEATH, IRRITATION TO THE EYES, NOSE &

MOUTH. SKIN: IRRITATION.

Medical Cond Aggravated By Exposure:

N/K

First Aid:
EYES: WASH W/PLENTY OF WATER AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/PLENTY OF WATER. INHALATION: REMOVE TO

FRESH AIR. START TREATMENT IMMEDIATELY W/CYANIDE FIRST AID KIT. INHALATION: KEEP VICTIM WA RM. GASTRIC LAVAGE &

CATHARSIS SHOULD BE DELAYED UNTIL ANTIDOTES GIVEN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
DONT FLUSH TO SEWER OR STREAM. COVER W/TIME PICK UP DRY FOR DISPOSAL. WASH CONTAMINATED AREA W/HYPOCHLORITE

SOLUTION TO OXIDIZE RESIDUAL CYANIDE.

Neutralizing Agent:

N/K

Waste Disposal Methods:

2 AS PRESCRIBED FOR CYANIDES & HEAVY METALS BY LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

DONT SHIP OR STORE NEXT TO ACIDS OR OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED. AVOID CONTACT W/EYES, SKIN OR

MUCOUS MEMBRANES.

Other Precautions:

DONT SWALLOW. KEEP SOLUTIONS ALKALINE. DONT WEAR CONTACT LENSES. AVOID FLUSHING TO SEWER OR STREAM; POISONOUS

TO HUMANS & ANIMALS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/R

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

DONT USE CARBON DIOXIDE. USE ALKALINE DRY CHEMICAL.

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:

N/K

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:

887F

Decomp Temp:

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

65

Volatile Org Content %:

Spec Gravity:

2.9

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

OFF-WHITE TO CREAM POWDER, FAINT ALMOND ODOR (TOXIC)

Percent Volatiles by Volume:

N/R

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/K

Materials To Avoid:

ACIDS &OXIDIZING MATERIALS

Hazardous Decomposition Products:

TOXIC &FLAMMABLE/POISONOUS HYDROGEN CYANIDE GAS

Hazardous Polymerization Indicator:

YES

Conditions To Avoid Polymerization:

ACIDIFICATION; HYDROGEN CYANIDE GAS MAY POLYMERIZE VIOLENTLY.

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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WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used

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