

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/120-92-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
120-92-3
Code:
M

RTECS:
GY4725000
Code:
M

Name:
CYCLOPENTANONE (POTENTIAL PROCESSING VAPOR COMPOUND)

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:
NOT USUALLY REQUIRED. IN ABNORMAL CONDITIONS USE AN AIR-SUPPLIED RESPIRATOR (SCBA, AIRLINE RESPIRATOR). FOR DUST CONDITIONS USE A NIOSH APPROVED DUST RESPIRATOR.

Ventilation:
USE EFFECTIVE EXHAUST VENTILATION INCLUDING LOCAL EXHAUST.

Protective Gloves:
FOR HOT PROCESS MATERIAL.

Eye Protection:
SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:
EQUIPMENT HAZARD SUMMARY SUGGESTS PROTECTIVE CLOTHING WHEN WORKING WITH HOT PROCESS MATERIAL.

Work Hygienic Practices:
WASH HANDS. USE PRUDENT SANITARY AND HYGIENIC PRACTICES. KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER. 6

Health Hazards Data

LD50/LC50 Mixture:
NOT ESTABLISHED FOR PRODUCT AS FURNISHED

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NONE KNOWN AT AMBIENT TEMPERATURES. SKIN: BURNS FROM MOLTEN MATERIAL. INHAL: FUMES IRRITATE RESPIRATORY TRACT. EYES: IRRITANT (FUMES, DECOMPOSITION PRODUCTS). OVEREXPOSURE TO DECOMPOSITION FUMES MAY RESULT IN SEVERE IRRITATION OR DEATH (HYDROGEN CYANIDE).

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. 4

Signs And Symptoms Of Overexposure:
COUGHING, TEARING AND IRRITATION.

Medical Condition Aggravated By Exposure:
FUMES MAY IRRITATE PEOPLE WITH SENSITIVE SKIN.

First Aid:
EYE: TREAT AS FOREIGN PARTICULATE MATTER. SKIN: IF MOLTEN POLYMER CONTACTS THE SKIN, COOL RAPIDLY WITH ICE OR COOL WATER. SEE PHYSICIAN FOR REMOVAL AND BURN TREATMENT. INHAL (OF VAPORS/ DECOMPOSITION PRODUCTS): REMOVE TO FRESH AIR. USE RESPIRATORY PROTECTION WHEN REENTERING. INGEST: UNLIKELY TO OCCUR.

Spill Release Procedures:
PLACE IN AN APPROPRIATE CONTAINER FOR REUSE OR DISPOSAL. DO NOT SWEEP OR FLUSH PRODUCT INTO SEWER OR WATERWAYS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF IN A LICENSED LANDFILL OR BY INCINERATION IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
USE PROPER VENTILATION FOR HOT PROCESSING.

Other Precautions:
DO NOT PUT PRODUCT IN YOUR MOUTH; DO NOT BREATHE VAPORS/ FUMES. DO NOT ALLOW MATERIAL TO ACCUMULATE IN A THICK MASS AT OR ABOVE NORMAL PROCESSING TEMPERATURES (EG. DURING CLEANUP); IT WILL DECOMPOSE AND SWEETEN (INTERNAL GASSING).

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
740F, 393C

Autoignition Temp:

Autoignition Temp Text:
N/A 5

Lower Limits:
NOT GIVEN

Upper Limits:
NOT GIVEN

Extinguishing Media:
WATER, TYPE ABC DRY CHEMICAL, AFFF AND PROTEIN TYPE AIR FOAMS. CO2 IS NOT RECOMMENDED.

Fire Fighting Procedures:
NFPA DEFINES ITEM AS CLASS A. WEAR SCBA AND PROTECTIVE CLOTHING. REMOVE PERSONNEL. CONTINUE TO WEAR SCBA DURING CLEANUP, IMMEDIATELY AFTER FIRE.

Unusual Fire/Explosion Hazard:
IRRITATING SMOKE.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT GIVEN

Melt/Freeze Pt:

M.P./F.P Text:
>350F, >177C

Decomp Temp:

Decomp Text:
NOT GIVEN

Vapor Pres:
NOT GIVEN

Vapor Density:
NOT GIVEN

Volatile Org Content %:

Spec Gravity:
1.1-1.3

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT GIVEN

Solubility in Water:
INSOLUBLE

Appearance and Odor:
GRANULES OR PELLETS; PIGMENTED AND UNPIGMENTED; FAINT ODOR.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:

Stability Condition To Avoid:

Materials To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

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