

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-20-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
75-20-7
Code:
M

RTECS:
EV9400000
Code:
M

Name:
CALCIUM CARBIDE (SARA III)

Other REC Limits:
N/P

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE REQUIRED WHEN DRY.FORGAS,INCREASE VENT,USE NIOSH/MSHA RESPIR.

Ventilation:
USE LOCAL EXHAUST.AVOID ANY SPARKING DEVICE.

Protective Gloves:
RUBBER

Eye Protection:
GOGGLES/FACE SHIELD

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
NO TLV FOR CALCIUM CARBIDE,GENERATED ACETYLENE 1000 PPM.

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 2

Signs And Symptoms Of Overexposure:
SKIN IRRITATION.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
REMOVE TO FRESH AIR; GET MEDICAL ATTENTION;GIVE CPR OR OXYGEN IF NEED. IF CONTACT,FLUSH W. H*2O FOR 15 MIN. SPEED OF REMOVAL IS CRITICAL. REMOVE & ISOLATE CONTAMINATED CLOTHING. KEEP WARM & QUIET.EFFE CTS MAY BE DELAYED; OBSERVE VICTIM.

Spill Release Procedures:
ALLOW ACETYLENE GAS TO DISSIPATE.NEUTRALIZE LIME RESIDUE WITH SODIUM BICARBONATE(SODA ASH).ELIMINATE IGNITION SOURCES.

Neutralizing Agent:
N/P

Waste Disposal Methods:
AFER ALLOWING GENERATE ACETYLENE TO DISSIPATE,AND NEUTRALIZING LIME RESIDUE WITH SODIUM BICARBONATE,DISPOSE AS SOLID WASTE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
AVOID ANY MOISTURE AND IGNITION SOURCES.KEEP CONTAINERS CLOSED.PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/A

Autoignition Temp:

Autoignition Temp Text:
N/A 3

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
SMOTHER W DRY POWDER,USE NO WATER.

Fire Fighting Procedures:
DO NOT USE WATER,VAPORIZING LIQUID OR FOAM.

Unusual Fire/Explosion Hazard:
GENERATES ACETYLENE WHEN WET;SM AMT WATER GENERATES ENOUGH HEAT TO IGNITE ACETYLENE FORMED.

Physical/Chemical Properties

HCC:
R2

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
2.22

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A(SOLID)

Solubility in Water:
DECOMPOSES

Appearance and Odor:
GRGYISH-BLACK GRANULES, SWEETISH GARLIC ODOR.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
DO NOT EXPOSE TO MOISTURE

Materials To Avoid:
WATER,ACIDS.

Hazardous Decomposition Products:
ACETYLENE GAS

Hazardous Polymerization Indicator:
NO

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