

CARBON MONOXIDE NO.3.

MSDS Number

BBCSZ

National Stock Number

6830-00D000470

Product Name

CARBON MONOXIDE NO.3.

Manufacturer

UNION CARBIDE CORP

Product Identification

Product ID: CARBON MONOXIDE NO.3.

MSDS Date: 01/01/1985

FSC: 6830

NIIN: 00D000470

MSDS Number: BBCSZ

Responsible Party

UNION CARBIDE CORP.

39 OLD RIDGEBURY RD

DANBURY , CT 06817-0001

US

Emergency Phone: 304-744-3487

Cage: 36346

Contractor

UNION CARBIDE CORP LINDE DIV

DANBURY, CT 06817-0001

US

800-822-4357; 304-744-3487

Cage: 36346

Ingredients

CARBON MONOXIDE

CAS: 630-08-0

RTECS: FG3500000

Fraction By Weight: 100%.

OSHA PEL50 PPM

ACGIH TLV: 25 PPM; 9293

Hazards

Effects of Overexposure: CHEM.ASPHYXIAN, TIGHTNESS ACROSS FOREHEAD, SLIGHT HEADACHE, WEAKNESS, DIZZY, MUSCLE PAIN, NAUSEA.

First Aid

First Aid: INHAL: MOVE TO FRESH AIR. RESTORE BREATHING, GIVE OXYGEN IF NEEDED. KEEP WARM. CALL DR. MEDICAL ATTEN FOR 24 HRS. FOR ALL PATIENTS THAT HAVE BEEN RENDERED UNCONSCIOUS FROM CARBON MONOXIDE.

Fire Fighting

Autoignition Temp: Autoignition Temp Text: 1204F.

Lower Limits:12.5
Upper Limits:74.0
Extinguishing Media:CO*2, DRY CHEM., WATER SPRAY OR FOG.
Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA-USE
SELF-CONT.BREATH
Unusual Fire/Explosion Hazard:FLAMMABLE TOXIC GAS.CANNOT BE DETECTED BY
ODOR.FORMS EXPL.MIXTURES W/AIR & OXID.AGENTS.VAPORS SPREAD

Accidental Release

Spill Release Procedures:MAY FORM EXPLOSIVE MIXTURES WITH AIR.PROMPTLY
EVACUATE AREA.USE SELF-CONTAINED BREATHING APPARATUS WHERE
NEEDED.REMOVE ALL SOURCES OF IGNITION IF W/O RISK. REDUCE GAS W/FOG
OR FINE WATER SPRAY.SHUT OF F LEAK W/O RISK. VENTILATE.

Handling

Handling and Storage Precautions:EXPLOSIVE ATMOSPHERES MAY LINGER.
BEFORE ENTERING ANY AREA,CHECK ATMOSPHERE W/APPROPRIATE DEVICE.NO
PART OF CONT.SHOULD BE SUBJECTED TO TEMP.>125F.
Other Precautions:MOST CONTAINERS ARE PROVIDED W/A PRESSURE RELIEF
DEVICE DESIGNED TO VENT CONTENTS WHEN THEY ARE EXPOSED TO ELEVATED
TEMP.MOVE THE SOURCES OF IGNITION.ELECTRIC INSTALL.BE EXPL.PROOF.

Exposure Controls

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS WHERE NEEDED
Ventilation:LOCAL EXHAUST EXPLOSION PROOF SYSTEM IS ACCEPTABLE
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES
Other Protective Equipment:METATARSAL SHOES FOR CYLINDER HANDLING.
Supplemental Safety and Health
SPECIAL FIRE FIGHTING PROCEDURES(CONTD):REMOVE IGNITION SOURCES IF W/O
RISK.IF FLAMES ARE ACCIDENTALLY EXTINGUISHED,EXPLOSIVE RE-IGNITION
MAY OCCUR.IMMEDIATELY COOL CONTAINERS W/H*20 SPRAY-DIS

Chemical Properties

HCC:G8
Boiling Pt:B.P. Text:-312.7F.
Vapor Pres:GAS
Vapor Density:0.97
Spec Gravity:G)0.97
Solubility in Water:NEGLIGIBLE.
Appearance and Odor:COLORLESS,ODORLESS GAS.
Percent Volatiles by Volume:100.

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS
Stability Condition to Avoid:HEAT,SPARKS,& OPEN FLAMES
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:FIT A PIPE LINE INTO THE FURNACE OR INTO THE PIT
& BURN WITH CARE UNDER APPROVED OPERATING PROCEDURES.

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