

GENERAL CHEMICAL CORP.CE PRODUCTS DIVISION -- LEAD MONOXIDE -- 6810-00-956-6276
===== Product Identification =====

Product ID:LEAD MONOXIDE
MSDS Date:04/06/1989
FSC:6810
NIIN:00-956-6276
MSDS Number: BKQWD
=== Responsible Party ===
Company Name:GENERAL CHEMICAL CORP.CE PRODUCTS DIVISION
Address:90 E. HALSEY ROAD
Box:395
City:PARSIPPANY
State:NJ
ZIP:07054
Country:US
Info Phone Num:800-631-8050
Eme
rgency Phone Num:800-631-8050
Preparer's Name:DOD-HMIS (DGSC-SSH)
CAGE:0AU44
=== Contractor Identification ===
Company Name:GENERAL CHEMICAL CORPORATION
Address:90 EAST HALSEY ROAD
Box:City:PARSIPPANY
State:NJ
ZIP:07054
Country:US
Phone:973-515-1840
CAGE:0AU44

===== Composition/Information on Ingredients =====

Ingred Name:LEAD MONOXIDE
CAS:1317-36-8
RTECS #:OG1750000
Fraction by Wt: UNK
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG(PB)/M3 TWA
ACGIH TLV:0.15 MG(PB)/M3 TWA

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===== Hazards Identification =====

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: YES

Health Hazards Acute and Chronic: ACUTE: INHALE-LOCAL IRRITATION OF BRONCHI & LUNGS. INGEST-ABDOMINAL PAIN & SPASM, NAUSEA, VOMITING, HEADACHE. SKIN-LOCAL IRRITATION. CHRONIC: LEAD IS A CUMULATIVE POISON & EXPOSURE EVEN TO SMALL AMOUNTS CAN RAISE THE BODY'S CONTENT TO TOXIC LEVELS.

Explanation of Carci

nogenicity: NTP & IARC CONSIDERS LEAD/LEAD COMPOUNDS

AS POSSIBLE HUMAN CARCINOGENS. LEAD MONOXIDE IS OSHA REGULATED.

Effects of Overexposure: INHALE-METALLIC TASTE, CHEST & ABDOMINAL PAIN, & INCREASED BLOOD LEVELS MAY FOLLOW. INGEST-POISON! CAN LEAD TO MUSCLE WEAKNESS, "LEAD LINE" ON THE GUMS, DEFINITE APPETITE LOSS, INSOMNIA, DIZZINESS HIGH LEAD LEVELS IN BLOOD & URINE WITH SHOCK, COMA & DEATH IN EXTREME CASES. SKIN-REDNESS.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING NERVE OR

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===== First Aid Measures =====

First Aid: INHALE-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR BREATHING PROBLEMS. INGEST-INDUCE VOMITING IMMEDIATELY BY GIVING GLASSES OF WATER & STICKING FINGER DOWN THROAT. CALL A PHYSICIAN IMMEDIATELY. SKIN -WASH AREA WITH SOAP & WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS. EYE-WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point: NOT FLAMMABLE

Extinguishing Media: ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures: WEAR FULL PROTECTIVE EQUIPMENT & A FULL FACE SELF CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE DEMAND OR POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

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===== Accidental Release Measures =====

Spill Release Procedures: WEAR PROTECTIVE CL

OTHING & RESPIRATORY

EQUIPMENT SUITABLE FOR TOXIC DUSTS. SWEEP, SCOOP OR PICK UP SPILLED MATERIAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. PACKA FOR RECLAMATIO N OR RECOVERY.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:AREAS IN WHICH EX
POSURE TO LEAD METAL OR LEAD

COMPOUNDS MA OCCUR SHOULD BE IDENTIFIED BY SIGNS OR APPROPRIATE MEANS, & ACCESS TO THE AREA SHOULD BE LIMITED TO AUTHORIZED PERSONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF THE PEL IS EXCEEDED, A NIOSH-APPROVED HALF-MASK AIR=PURIFYING RESPIRATOR EQUIPPED WITH A HIGH-EFFICIENCY FILTER, OR ANY HALF-MASK SUPPLIED AIR RESPIRATOR MAY BE WORN UP TO CONCENTRATIONS OF 50 MG P E CUBIC METER.

Venti
lation:A SYSTEM OF LOCAL &/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EXPOSURE BELOW THE PEL.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES/FULL FACE SHIELD

Other Protective Equipment:WEAR IMPERVIOUS PROTECTIVE CLOTHING (BOOTS, LAB COAT, APRON OR COVERALLS). EYE WASH STATION & QUICK-DRENCH FACILITY.

Work Hygienic Practices:EATING, DRINKING & SMOKING SHOULD NOT BE ALLOWED IN AREAS WHERE SOLID/LIQUIDS CONTAINING SOLUBLE LEAD IS STORED/HANDLED.

Suppl
emental Safety and Health
SUPPLIER CLAIMS THAT THIS PRODUCT HAS NOT BEEN HANDLED SINCE OSHA MANDATED MSDS'S. THUS THIS MSDS COPIED FROM ANOTHER MSDS FOR LEAD MONOXIDE TO FACILITATE USE AND DISPOSAL IN DOD.

===== Physical/Chemical Properties =====

HCC:T7

Melt/Freeze Pt:M.P/F.P Text:1630F,888C

Spec Gravity:9.53

Solubility in Water:INSOLUBLE

Appearance and Odor:RED OR REDDISH YELLOW POWDER. ODORLESS.

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES

HYDROGEN PEROXIDE, LITHIUM CARBIDE, CHLORINE, ETHYLENE, FLUORINE,
SULFIDES, ACETYLIDES.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE

===== Disposal Considerations =====

Waste Disposal Methods: PACKAGE UNRECLAIMABLE MATERIAL FOR DISPOSAL IN A
RCRA-APPROVED WASTE FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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vided with this information by the compiling agencies):

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