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# MATERIAL SAFETY DATA SHEET

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# SUBSTANCE IDENTIFICATION

CAS-NUMBER 7439-97-6

SUBSTANCE: \*\*MERCURY\*\*

TRADE NAMES/SYNONYMS:

COLLOIDAL MERCURY; METALLIC MERCURY; NCI-C60399; QUICK SILVER;

INORGANIC MERCURY; RCRA U151; NA 2809; HYDRARGYRUM; ELEMENTAL MERCURY;

M-139; M-140; M-141; UN 2809; HG;

CHEMICAL FAMILY:

MOLECULAR FORMULA: HG

MOLECULAR WEIGHT: 200.59

CERCLA RATINGS (SCALE 0-3): HEALTH:3 FIRE:0 REACTIVITY:0 PERSISTENCE:3
NFPA RATINGS (SCALE 0-4): HEALTH:3 FIRE:0 REACTIVITY:0

COMPONENTS AND CONTAMINANTS

COMPONENT: MERCURY

PERCENT: 100

OTHER CONTAMINANTS: NONE

MERCURY, ALL FORMS EXCEPT ALKYL (AS HG):

0.05 MG/M3 OSHA TWA (VAPOR); 0.1 MG/M3 OSHA CEILING (SKIN)

0.05 MG/M3 ACGIH TWA (VAPOR); 0.10 MG/M3 ACGIH TWA (ARYL & INORGANIC)-(SKIN)

0.05 MG/M3 NIOSH RECOMMENDED 10 HOUR TWA

SUBJECT TO SARA SECTION 313 ANNUAL TOXIC CHEMICAL RELEASE REPORTING

MERCURY:

1 POUND CERCLA SECTION 103 REPORTABLE QUANTITY

### PHYSICAL DATA

DESCRIPTION: ODORLESS, SILVERY LIGIUD WITH A METALIC LUSTER.

BOILING POINT: 674 F (357 C) MELTING POINT: -38 F (-39 C)

SPECIFIC GRAVITY: 13,5939 VAPOR PRESSURE: 0,002 MMHG a 25 C

SOLUBILITY IN WATER: INSOLUBLE VAPOR DENSITY: 7.0

SOLVENT SOLUBILITY: SOLUBLE IN BOILING SULFURIC ACID, NITRIC ACID, LIPIDS; INSOLUBLE IN ALCOHOL, ETHER, HYDROCHLORIC ACID, HYDROGEN BROMIDE, HYDROGEN IODIDE

VISCOSITY: 1.55 CPS a 20 C

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD: Negligible fire hazard when exposed to heat or flame.

FIREFIGHTING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY OR STANDARD FOAM (1987 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.4).

FOR LARGER FIRES, USE WATER SPRAY, FOG OR STANDARD FOAM (1987 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.4).

FIREFIGHTING: MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. COOL CONTAINERS EXPOSED TO FLAMES WITH WATER FROM SIDE UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM STORAGE TANK ENDS (1987 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.4, GUIDE PAGE 60).

USE AGENTS SUITABLE FOR TYPE OF FIRE; USE WATER IN FLOODING AMOUNTS AS A FOG. AVOID BREATHING CORROSIVE AND POISONOUS VAPORS, KEEP UPWIND.

#### TRANSPORTATION DATA

DEPARTMENT OF TRANSPORTATION HAZARD CLASSIFICATION 49CFR172.101:

DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS +9CFR172, 101 AND 172, 402:

DEPARTMENT OF TRANSPORTATION PACKAGING REQUIREMENTS: 49CFR173,860 EXCEPTIONS: NONE

#### TOXICITY

MERCURY:
150 UG/M3/46 DAYS INHALATION-WOMAN TCLO; 29 MG/M3/30 HOURS INHALATION-RABBIT
LCLO; 44,300 UG/M3/8 HOURS INHALATION-MAN TCLO; 129 MG/KG/5 HOURS CONTINUOUSLY
SKIN-MAN TDLO; MUTAGENIC DATA (RTECS); REPRODUCTIVE EFFECTS DATA (RTECS);
TUMORIGENIC DATA (RTECS).
CARCINOGEN STATUS; NONE.
MERCURY IS A SKIN AND RESPIRATORY TRACT SENSITIZER, NEUROTOXIN AND
NEPHROTOXIN. PERSONS WITH CHRONIC RESPIRATORY DISEASE, NERVOUS SYSTEM
DISORDERS AND KIDNEY DISEASE MAY BE AT AN INCREASED RISK FROM EXPOSURE.

# HEALTH EFFECTS AND FIRST AID

· INHALATION:

INMALATION:
MERCURY:
IRRITANT/SENSITIZER/NEUROTOXIN/NEPHROTOXIN.
28 MG/M3 IMMEDIATELY DANGEROUS TO LIFE OF MERCURY VAPOR MAY CAUSE ALMOST
IMMEDIATE DYSPNEA. COUGH, FEVER, NAUSEA, VOMITING, DIARRHEA, HEADACHE,
STOMATITIS, SALIVATION, GINCIVITIS, A METALLIC TASTE, AND CARDIAC
ABNORMALITIES, RESPIRATORY IRRITATION MAY OCCUR WITH CHEST PAIN AND
TICHTNESS, SYMPTOMS MAY RESOLVE OR MAY PROGRESS TO NECROTIZING
BRONCHICLITIS, PNEUMONITIS, PULMONARY EDEMA, PNEUMOTHORAX, INTERSTITIAL
FIBROSIS, AND DEATH, ACIDOSIS AND RENAL DAMAGE MAY ALSO OCCUR.
ALLERGIC REACTIONS THAT MAY OCCUR IN PREVIOUSLY EXPOSED PERSONS INCLUDE
DERMATITIS, ENCEPHALITIS, AND DEATH.
METAL FUME FEVER, AN INFLUENZA-LIKE ILLNESS, MAY OCCUR DUE TO THE
INHALATION OF FRESHLY FORMED METAL OXIDE PARTICLES SIZED BELOW 1.5 MICRONS
AND USUALLY BETWEEN 0, 02-0, 05 MICRONS, SYMPTOMS MAY BE DELAYED +-12 HOURS
AND BEGIN WITH A SUDDEN ONSET OF THIRST, AND A SWEET, METALLIC OR FOUL
TASTE IN THE MOUTH, OTHER SYMPTOMS MAY INCLUDE UPPER RESPITATIORY TRACE,
LASSITUDE AND A GENERALIZED FEELING OF MALAISE, FEVER, CHILL, MUSCULAR
PAIN, MILD TO SEVERE HEADACHE, NAUSEA, OCCASIONAL VOMITING, EXAGGERATED
MENTAL ACTIVITY, PROFUSE SWEATING, EXCESSIVE URINATION, DIARRHEA AND
PROSTRATION MAY ALSO OCCUR. TOLERANCE TO FUMES DEVELOPS RAPIDLY, BUT IS
GUICKLY LOST. ALL SYMPTOMS USUALLY SUBSIDE WITHIN 2+-36 HOURS,
AND LEGS, ENETHISM MAY BE MANIFESTED BY FINE TREMORS AND ERITHISM, TREMORS
MAY AFFECT THE HANDS FIRST, BUT MAY ALSO BECOME EJIENN IN A LONG PERIOD MAY CAUSE
CHOOLIC EXPOSURE- INHALATION OF MERCURY VAPOR OVER AND ERITHISM, TREMORS
MAY AFFECT THE HANDS FIRST, BUT MAY ALSO BECOME EJIENNESS, DEPRENSION OR DESPONDENCY HER FOR THE PACE, ARMS,
AND LEGS, ERETHISM MAY BE MANIFESTED BY ABNORMAL VANDERIT OR CRITICISM,
SELF-CONSCIOUSNESS, DEPRESSION OR DESPONDENCY HER EXPERDITION MAY ACCUR.
CONCENTRATIONS AS LOW AS 0.1 MICROMERY AND THE TREMORS AND ERICITION, GINGUYTIS,
CHRONIC PROUMDINGS, DEPRESSION OR DESPONDENCY DISORDERS, UNSTEADY CALLY.
CHRONIC PROUMDINGS, DEPRESSION OR DESPONDENCY DISO

FIRST AID- REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. MAINTAIN AIRWAY AND BLOOD PRESSURE AND ADMINISTER OXYGEN IF AVAILABLE. KEEP AFFECTED PERSON WARM AND AT REST. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. ADMINISTRATION OF OXYGEN SHOULD BE PERFORMED BY QUALIFIED PERSONNEL. GET MEDICAL ATTENTION

SKIN CONTACT:

MERCURY: SENSITIZER/NEUROTOXIN/NEPHROTOXIN.

ACUTE EXPOSURE- DIRECT CONTACT WITH LIQUID MAY CAUSE IRRITATION AND REDNESS. SMALL AMOUNTS OF MERCURY MAY BE ABSORBED THROUGH INTACT SKIN. ALLERGIC REACTIONS THAT MAY OCCUR IN PREVIOUSLY EXPOSED PERSONS INCLUDE DERMATITIS, ENCEPHALITIS, AND DEATH. SUBCUTANEOUS INTRODUCTION, FROM HANDLING BROKEN THERMOMETERS, MAY RESULT IN LOCAL INFLAMMATION, GRANULOMATOUS SKIN REACTIONS, AND SLIGHT SIGNS OF MERCURY POISONING INCLUDING DIGESTIVE DISORDERS, METALLIC TASTE IN THE MOUTH, AND

NEUROPSYCHIC DISORDERS.
CHRONIC EXPOSURE- PROLONGED OR REPEATED EXPOSURE MAY RESULT IN DERMAL SENSITIZATION AND SYSTEMIC EFFECTS AS DETAILED IN CHRONIC INHALATION

EXPOSURE

RST AID- REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS (APPROXIMATELY 15-20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

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EYE CONTACT:

RCURY:
ACUTE EXPOSURE- DIRECT CONTACT WITH LIQUID MAY CAUSE IRRITATION AND
REDNESS. ANIMAL STUDIES INDICATE DIFFUSION AND ABSORPTION OF MERCURY
INTO THE TISSUES OF THE EYE MAY OCCUR. NO CLINICAL SIGNS OF CONJUNCTIVITIS
OR INFLAMMATION OCCURRED.
CHRONIC EXPOSURE- MERCURY EXPOSURE FROM INHALATION, INGESTION, OR SKIN
CONTACT MAY BE INDICATED BY MERCURIALENTIS, DISCOLORATION OF THE
CRYSTALLINE LENS, ON SLIT LAMP EXAMINATION OF THE EYE. MERCURY:

FIRST AID- WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALI OCCASIONALLY LIFTING UPPER AND LOWER LIDS, UNTIL NO EVIDENCE OF CHEMICAL REMAINS (APPROXIMATELY 15-20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: MERCURY:

MERCURY:
NEUROTOXIN/NEPHROTOXIN.
ACUTE EXPOSURE- MAY CAUSE BURNING OF THE MOUTH AND THROAT, THIRST, NAUSEA
AND VOMITING. METALLIC MERCURY IS NOT USUALLY ABSORBED SUFFICIENTLY
FROM THE GASTROINTESTINAL TRACT TO INDUCE AN ACUTE TOXIC RESPONSE. RARELY,
A LARGE SINGLE DOSE MAY RESULT IN SIGNS AND SYMPTOMS OF CHRONIC INHALATION
IF SUFFICIENT AMOUNTS OF MERCURY ARE PETAINED IN THE BODY.
CHRONIC EXPOSURE- REPEATED INGESTION OF SMALL AMOUNTS OF MERCURY MAY RESULT
IN THE ABSORPTION OF SUFFICIENT AMOUNTS TO PRODUCE TOXIC EFFECTS AS
DETAILED IN CHRONIC INHALATION EXPOSURE.

RST AID- REMOVE BY GASTRIC LAVAGE OR EMESIS. MAINTAIN BLOOD PRESSURE AND AIRWAY. GIVE OXYGEN IF RESPIRATION IS DEPRESSED. DO NOT PERFORM GASTRIC LAVAGE OR EMESIS IF VICTIM IS UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY. (DREISBACH, HANDBOOK OF POISONING, 11TH ED.) ADMINISTRATION OF GASTRIC LAVAGE OR OXYGEN SHOULD BE PERFORMED BY GUALIFIED MEDICAL PERSONNEL

THE FOLLOWING ANTIDOTE HAS BEEN RECOMMENDED. HOWEVER, THE DECISION AS TO WHETHER THE SEVERITY OF POISONING REQUIRES ADMINISTRATION OF ANY ANTIDOTE AND ACTUAL DOSE REQUIRED SHOULD BE MADE BY QUALIFIED MEDICAL PERSONNEL. ANTIDOTE:

MERCURY POISONING:
GIVE DIMERCAPROL, 3 MG/KG (OR 0.3 ML/KG) EVERY + HOURS FOR THE FIRST 2 DAYS
AND THEN 2 MG/KG EVERY 12 HOURS FOR A TOTAL OF 10 DAYS, DIMERCAPROL IS
AVAILABLE AS A 10% SOLUTION IN OIL FOR INTRAMUSCULAR ADMINISTRATION.
HEMODIALYSIS WILL SPEED THE REMOVAL OF THE MERCURY-DIMERCAPROL COMPLEX,
PENICILLAMINE IS ALSO EFFECTIVE, GIVE UP TO 100 MG/KG/DAY (MAXIMUM 1 GRAM/DAY)
DIVIDED INTO + DOSES FOR NO LONGER THAN 1 WEEK, IF A LONGER ADMINISTRATION
DIVIDED INTO + DOSES FOR NO LONGER THAN 1 WEEK, IF A LONGER ADMINISTRATION
ORALLY HALF AN HOUR BEFORE MEALS, A CHELATING AGENT SHOULD BE CONTINUED UNTIL
THE URINE-MERCURY LEVEL FALLS BELOW 50 UG/2+ HOURS (DREISBACH, HANDBOOK OF
POISONING, 11TH ED.). ANTIDOTE SHOULD BE ADMINISTERED BY QUALIFIED MEDICAL PERSONNEL.

## PEACTTUTTY

REACTIVITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

INCOMPATIBILITIES:

ACETYLENE: FORMATION OF EXPLOSIVE COMPOUND, ACETYLINIC COMPOUNDS: FORMATION OF EXPLOSIVE COMPOUND, ALUMINUM: CORRODES. ACETYLINIC COMPOUNDS: FORMATION OF EXPLOSIVE COMPOUND.
ALUMINUM: CORRODES.
AMINES: MAY FORM EXPLOSIVE COMPOUNDS.
AMMONIA + MOISTURE: FORMS EXPLOSIVE COMPOUND.
BORON DIIODPHOSPHIDE: IGNITES IN CONTACT WITH MERCURY VAPORS.
BROMINE: VIOLENT REACTION.
3-BROMOPROPYNE: EXPLOSION HAZARD.
CALCIUM: AMALGAM FORMATION a 390 C IS VIOLENT.
CHLORINE: IGNITES a 200-300 C.
CHLORINE DIOXIDE: EXPLODES.
COPPER (AND ALLOYS): MAY BE ATTACKED.
ETHYLENE OXIDE + TRACES OF ACETYLENE: MAY FORM EXPLOSIVE ACETYLIDES.
LITHIUM: AMALGAM FORMATION IS VIOLENTLY EXOTHERMIC AND MAY BE EXPLOSIVE.
METHYL AZIDE: PRODUCES SHOCK SENSITIVE MIXTURE.
METHYL SILANE + OXYGEN: PRODUCES SHOCK SENSITIVE MIXTURE.
NITRIC ACID + ALCOHOLS: FORMS FULMINATES CAPABLE OF DETONATION.
OXALIC ACID: FORMS SHOCK SENSITIVE COMPOUND.
OXIDANTS: VIOLENT REACTION.
POTASSIUM: AMALGAM FORMATION IS VIGOROUSLY EXOTHERMIC AND MAY BE EXPLOSIVE.
RUBBIDIUM: VIOLENT EXOTHERMIC REACTION.
POTASSIUM: AMALGAM FORMATION IS VIGOROUSLY EXOTHERMIC AND MAY BE EXPLOSIVE.
SILVER PERCHLORATE + 3-HEXYNE: EXPLODES.
SILVER PERCHLORATE + 2-PENTYNE: EXPLODES.
SODIUM: AMALGAM FORMATION IS VIOLENTLY EXOTHERMIC.
SULFURIC ACID (HOT): REACTS.
TETRACARBONYLNICKEL + OXYGEN: PRODUCES SHOCK SENSITIVE MIXTURE,

DECOMPOSITION: THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HIGHLY TOXIC VAPORS OF MERCURY AND MERCURY OXIDES.

HAZARDOUS POLYMERIZATION HAS NOT BEEN REPORTED TO OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES.

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## STORAGE AND DISPOSAL

OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE, FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGENCY.

#### \*\*STORAGE\*\*

STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

## \*\*DISPOSAL \*\*

DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, HOCFR 262, EPA HAZARDOUS WASTE NUMBER U151.

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MAY BURN BUT DOES NOT IGNITE READILY. FLAMMABLE, POISONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL, ETC.).

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OCCUPATIONAL SPILL:
DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. FOR SMALL SPILLS, TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. A MERCURY SPILL KIT MAY ALSO BE USED FOR SMALL SPILLS IN THE WORKPLACE. FOR LARGER SPILLS, DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY.

REPORTABLE QUANTITY (RQ): 1 POUND
THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) SECTION 30+ REQUIRES
THAT A RELEASE EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITY FOR THIS
SUBSTANCE BE IMMEDIATELY REPORTED TO THE LOCAL EMERGENCY PLANNING COMMITTEE
AND THE STATE EMERGENCY RESPONSE COMMISSION (+0 CFR 355.+0). IF THE RELEASE OF
THIS SUBSTANCE IS REPORTABLE UNDER CERCLA SECTION 103, THE NATIONAL RESPONSE
CENTER MUST BE NOTIFIED IMMEDIATELY AT (800) +2+-8802 OR (202) +26-2675 IN THE
METROPOLITAN WASHINGTON, D.C. AREA (+0 CFR 302.6).

## PROTECTIVE EQUIPMENT

VENTILATION: PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

RESPIRATOR:
THE FOLLOWING RESPIRATORS AND MAXIMUM USE CONCENTRATIONS ARE RECOMMENDATIONS
BY THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, NIOSH POCKET GUIDE TO
CHEMICAL HAZARDS OR NIOSH CRITERIA DOCUMENTS; OR DEPARTMENT OF LABOR,
29CFR1910 SUBPART Z.
THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND
IN THE WORK PLACE AND BE JOINTLY APPROVED BY THE NATIONAL INSTITUTE OF
OCCUPATIONAL SAFETY AND HEALTH AND THE MINE SAFETY AND HEALTH ADMINISTRATION.

# MERCURY, ELEMENTAL:

- 0.5 MG/M3- ANY CHEMICAL CARTRIDGE RESPIRATOR WITH CARTRIDGES PROVIDING PROTECTION AGAINST MERCURY.
  ANY SUPPLIED-AIR RESPIRATOR.
  ANY SELF-CONTAINED BREATHING APPARATUS.
- 1.25 Mg/M3- ANY SUPPLIED-AIR RESPIRATOR OPERATED IN A CONTINUOUS FLOW MODE.
  ANY POWERED AIR-PURIFYING RESPIRATOR WITH A CANISTER PROVIDING
  PROTECTION AGAINST MERCURY.
- 2.5 MG/M3- ANY SUPPLIED-AIR RESPIRATOR WITH A FULL FACEPIECE.
  ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.
  ANY SUPPLIED-AIR RESPIRATOR WITH A TIGHT-FITTING FACEPIECE
  OPERATED IN A CONTINUOUS FLOW MODE.
  ANY CHEMICAL CARTRIDGE RESPIRATOR WITH A FULL FACEPIECE AND
  CARTRIDGES PROVIDING PROTECTION AGAINST MERCURY.
  ANY AIR-PURIFYING FULL FACEPIECE RESPIRATOR (GAS MASK) WITH A
  CHIN-STYLE OR FRONT- OR BACK-MOUNTED CANISTER PROVIDING
  PROTECTION AGAINST MERCURY.
  ANY POWERED AIR-PURIFYING RESPIRATOR WITH A TIGHT-FITTING
  FACEPIECE AND A CANISTER PROVIDING PROTECTION AGAINST MERCURY.
  - 28 MG/M3- ANY SUPPLIED-AIR RESPIRATOR WITH A HALF-MASK AND OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.
    - ESCAPE- ANY AIR-PURIFYING FULL FACEPIECE RESPIRATOR (GAS MASK) WITH A CHIN-STYLE OR FRONT- OR BACK-MOUNTED CANISTER PROVIDING PROTECTION AGAINST MERCURY.

      ANY APPROPRIATE ESCAPE-TYPE SELF-CONTAINED BREATHING APPARATUS.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:

SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE

DEMAND OR OTHER POSITIVE PRESSURE MODE.

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SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE IN COMBINATION WITH AN AUXILIARY SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

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CLOTHING: EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT WITH THIS SUBSTANCE.

GLOVES: EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT CONTACT WITH THIS SUBSTANCE.

EYE PROTECTION:
EMPLOYEE MUST WEAR SPLASH-PROOF OR DUST-RESISTANT SAFETY GOGGLES AND A
FACESHIELD TO PREVENT CONTACT WITH THIS SUBSTANCE. CONTACT LENSES SHOULD NOT
BE WORN.

EMERGENCY WASH FACILITIES:
WHERE THERE IS ANY POSSIBILITY THAT AN EMPLOYEE'S EYES AND/OR SKIN MAY BE
EXPOSED TO THIS SUBSTANCE, THE EMPLOYER SHOULD PROVIDE AN EYE WASH FOUNTAIN
AND QUICK DRENCH SHOWER WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE.

AUTHORIZED - FISHER SCIENTIFIC GROUP, INC. CREATION DATE: 01/31/85 REVISION DATE: 03/15/89

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