



PHENYLARSINE OXIDE, 0.02256N;CAT.NO.14395

MSDS Number

BBFFH

National Stock Number

6810-00D001398

Product Name

PHENYLARSINE OXIDE, 0.02256N;CAT.NO.14395

Manufacturer

HACH CO

Product Identification

Product ID:PHENYLARSINE OXIDE, 0.02256N;CAT.NO.14395

MSDS Date:08/29/1985

FSC:6810

NIIN:00D001398

MSDS Number: BBFFH

Responsible Party

HACH CO.

100 DAYTON RD

AMES , IA 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 91224

Contractor

HACH CO

389

LOVELAND, CO 80539

US

970-669-3050/ 303-623-5716

Cage: 91224

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000



Fraction By Weight:

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PHENYLARSINE OXIDE

CAS: 637-03-6

RTECS: CH8100000

Fraction By Weight:

OSHA PEL0.5 MG/CUM

ACGIH TLV: 0.2 MG/CUM (ARSENIC)

OTHER COMPONENTS (UNSPECIFIED)

Fraction By Weight:

DEMINERALIZED WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >78%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT IS CORROSIVE AND SENSITIZING
TO EYES, SKIN, RESPIRATORY TRACT.
Explanation of Carcinogenicity:ARSENIC AND ARSENIC COMPOUNDS ARE LISTED
AS HUMAN CARCINOGENS.
Effects of Overexposure:RASH, BURNS
Medical Cond Aggravated by Exposure:NONE LISTED

First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE
VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

Fire Fighting

Extinguishing Media:ALCOHOL FOAM
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES

Accidental Release

Spill Release Procedures:ABSORB SPILL ON CLOTH, PAPER, ETC. ADD WATER.
Neutralizing Agent:SODIUM BICARBONATE

Handling

Handling and Storage Precautions:STORE IN COOL,DRY AREA. KEEP TIGHTLY
CLOSED. PROTECT FROM SUNLIGHT.

Exposure Controls

Respiratory Protection:IF EXPOSD TLV,NIOSH/MESA APPR SELF-CNTND BRTHG
APP (POS PR MODE)
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:PVC/RUBBER
Eye Protection:SAFETY GLASSES
Other Protective Equipment:SAFETY SHOWER & EYE BATH



Work Hygienic Practices:USE STRICT CHEMICAL HYGIENE PRACTICES. DUE TO THE SENSITIZING NATURE AVOID ALL CONTACT IF POSSIBLE. (ALSO CARCINOGEN)

Supplemental Safety and Health

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:212F/100C

Spec Gravity:1.033

Evaporation Rate & Reference:0.64 (REF N/K)

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID, SWEET ODOR

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED; HMIS: ACIDS

Stability Condition to Avoid:HEAT, ULTRAVIOLET LIGHT, SUNLIGHT

Hazardous Decomposition Products:ARSINE, CARBON DIOXIDE, CARBON MONOXIDE

Disposal

Waste Disposal Methods:ADJUST PH TO 6-9 AND FLUSH TO DRAIN I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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