

TETRAPHENYLARSONIUM CHLORIDE HYDROCHLORIDE

MSDS Number

BBFDS

National Stock Number

6810-00D001385

Product Name

TETRAPHENYLARSONIUM CHLORIDE HYDROCHLORIDE

Manufacturer

HACH COMPANY

Product Identification

Product ID:TETRAPHENYLARSONIUM CHLORIDE HYDROCHLORIDE

MSDS Date:04/12/1984

FSC:6810

NIIN:00D001385

MSDS Number: BBFDS

Responsible Party

HACH COMPANY

100 DAYTON RD

AMES , IA 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Preparer: GIOVANNA F. OLSON

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

TETRAPHENYLARSONIUM CHLORIDE HYDROCHLORIDE (CAT.NO. 1019)

CAS: 73003-83-5

Fraction By Weight: 96%+

OSHA PEL0.01 MG/CUM (AS)

ACGIH TLV: 0.2 MG/CUM (AS)

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >8%

Hazards

LD50 LC50 Mixture:N/K SEE SPP DATA
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ARSENIC COMPOUNDS ARE ACUTELY TOXIC
TARGETING CENTRAL NERVOUS SYSTEM, LIVER, KIDNEYS, AND G/I TRACT.
ALSO SEE CARCINOGENITY.
Explanation of Carcinogenicity:ARSENIC COMPOUNDS ARE CARCINOGENIC WITH
EVIDENCE FROM HUMAN STUDIES.
Effects of Overexposure:NAUSEA,JAUNDICE,ITCHING
Medical Cond Aggravated by Exposure:NONE ARE 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:INDUCE VOMIT. RPT
UNTIL VOMIT IS C LEAR. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

Fire Fighting

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:PRODUCES TOXIC FUMES

Accidental Release

Spill Release Procedures:SWEEP SOLID UP, STORE IN CLOSED CONTAINER FOR
DISPOSAL.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED.
MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.
Other Precautions:PROTECT FROM MOISTURE. FOR LAB CHEMICALS, A
DESICCATOR IS RECOMMENDED

Exposure Controls

Respiratory Protection:IF EXPOSD TLV,NIOSH/MESA APPR SELF-CNTND BRTHG
APP (POS PR MODE)
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:RUBBER/NEOPRENE
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Work Hygienic Practices:STRICT CHEMICAL HYGIENE PRACTICES
Supplemental Safety and Health
LDLO HUMAN FOR ARSENIC IS 5-15 MG/KG. NOTE THAT MFR LIMIT IS 1984
VINTAGE. PRODUCT IS MFR CAT.NO.1019

Chemical Properties

HCC:T4
Melt/Freeze Pt:M.P/F.P Text:>401F/205C
Solubility in Water:SOLUBLE
Appearance and Odor:WHITE CRYSTALLINE POWDER, N/K ODOR

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS, ACID FUMES, MOISTURE
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:COMPOUNDS OF ARSENIC AND/OR CHLORINE

Disposal

Waste Disposal Methods:INCINERATE IN APPROVED INCINERATOR OR DISPOSE OF
IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL,STATE & FEDERAL
REGULATIONS.

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