

QUICK SILVER

MSDS Number

BKBRW

National Stock Number

6810-00N012572

Product Name

QUICK SILVER

Manufacturer

ARIZONA INSTRUMENT CORP JEROME DIV

Product Identification

Product ID:QUICK SILVER

MSDS Date:04/03/1990

FSC:6810

NIIN:00N012572

MSDS Number: BKBRW

Responsible Party

ARIZONA INSTRUMENT CORP JEROME DIV

RT 89A OLD HIGH SCHOOL

JEROME , AZ 86331

US

Emergency Phone: 800-528-7411; 602-634-4263

Info Phone: 800-528-7411; 602-634-4263

Cage: 59830

Contractor

ARIZONA INSTRUMENT CORP JEROME DIV

336

JEROME, AZ 86331

US

Cage: 59830

Ingredients

MERCURY (SARA III)

CAS: 7439-97-6

RTECS: OV4550000

OSHA PELS, C, 0.1 MG/M3

ACGIH TLV: S, 0.05 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: INGEST: MUCOUS MEMBRANE

IRRITATION, CARDIAC ARRHYTHMIAS. EYES/SKIN: IRRITATION. INHAL:

INFLAMMATION OF MOUTH & LUNGS. CHRONIC: CNS DAMAGE. INGEST: LIVER

DAMAGE & STOMATITIS. SKIN: LESIONS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:ACUTE: INGEST: BURNING IN MOUTH/THROAT, THIRST, SHOCK, NAUS, VOMIT, ABDOM PAIN, BLOODY DIARR, OLIGUREA, HEMATURIA, ALBUMINURIA. INHAL: INFLAMM OF MOUTH, SALIVATION, METALLIC TASTE, ABDOM CRAMPS, DIFF BREATH, COUGH, FEVER, RESTLESSNESS, BRONCH, INFLAMM OF LUNGS. CHRONIC: CNS: HEADACHE, DIZZINESS, (SEE SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:SKIN: WASH WITH WATER, GET MD. EYES: WASH WITH WATER FOR AT LEAST 15 MINUTES, GET MD. INHAL: REMOVE TO FRESH AIR, GET MD. INGEST: GET MD.

Fire Fighting

Fire Fighting Procedures:NONFLAMMABLE. EXTING METHODS SUITABLE FOR SURROUNDING FIRE .

Unusual Fire/Explosion Hazard:EXTREMELY TOXIC VAPORS UPON EXPOSURE TO HIGH TEMPERATURES. FULMONATE/MERCURY-AMMONO CMPDS ARE HIGHLY EXPLOSIVE.

Accidental Release

Spill Release Procedures:RECOVER WITH SUCTION CUP EQUIPPED WITH A CAPILLARY TUBE.

Neutralizing Agent:CALCIUM POLYSULFIDE & EXCESS SULFUR .

Handling

Handling and Storage Precautions:DO NOT HEAT MERCURY UNLESS APPROPRIATE SAFETY PRECAUTIONS FOR HIGHLY TOXIC VAPORS HAVE BEEN TAKEN. STORE IN A SEALED CONTAINER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:MUST BE SUFFICIENT TO MEET TLV.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING, SMOKING AND USING SANITARY FACILITIES .

Supplemental Safety and Health

EFTS OF OVEREXP: IRRITABILITY, TREMORS, INSOMNIA. INGEST: INCREASED SALIVATION, INFLAMM OF GUMS WITH BLUE LINE, NAUSEA, VOMIT, DIARR.

INHAL: INFLAMM OF NOSE, LOSS OF SMELL, COUGH, FEVER .

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:674F,357C

Melt/Freeze Pt:M.P/F.P Text:-38F,-39C

Vapor Pres:0.0012

Spec Gravity:13.54

Solubility in Water:INSOLUBLE

Appearance and Odor:ODORLESS. SILVERY, EXTREMELY HEAVY LIQUID .

Stability

Stability Indicator/Materials to Avoid:YES

AZIDE, ACETYLENE, AMMONIA, CHLORINE DIOXIDE, NITRIC ACID, ETHANOL

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:PERFORM IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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