
MERCURIC NITRATE, 0.2256N; CAT.NO.14393

MSDS Number

BBFFV

National Stock Number

6810-00D001421

Product Name

MERCURIC NITRATE, 0.2256N; CAT.NO.14393

Manufacturer

HACH COMPANY

Product Identification

Product ID:MERCURIC NITRATE, 0.2256N; CAT.NO.14393

MSDS Date:01/07/1992

FSC:6810

NIIN:00D001421

MSDS Number: BBFFV

Responsible Party

HACH COMPANY

100 DAYTON RD

AMES 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

MERCURIC NITRATE (SARA III)

CAS: 10045-94-0

RTECS: OW8225000

Fraction By Weight:

OSHA PEL0.1 MG HG/M3;SKIN;C

ACGIH TLV: 0.1 MG HG/M3; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >95%

Hazards

LD50 LC50 Mixture:N/K (HMIS CALCULATES 1.4 GM/KG)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: IRRITATION OF RESPIRATORY TRACT. IRRITATION AND BURNS TO SKIN AND EYES. INGESTION- CENTRAL NERVOUS SYSTEM DAMAGE. CHRONIC: DAMAGE TO KIDNEYS, LIVER, SPLEEN, AND BONES.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: COUGHING, WHEEZING. EYES: TEARING, REDNESS, BURNS. SKIN: REDNESS, RASH, BURNS. INGESTION: DIZZINESS, HEADACHE, NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:NERVOUS DISORDERS, IMPAIRED KIDNEY OR RESPIRATORY FUNCTION, ALLERGIES OR SENSITIVITY TO MERCURY

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, RESUSCITATE; IF BREATHING DIFFICULT, GIVE OXYGEN. EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & SHOES. INGESTION: INDUCE VOMITING. REPEAT UNTIL VOMIT IS CLEAR. NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES IN FIRE

Accidental Release

Spill Release Procedures:CONTAIN SPILL. ABSORB WITH INERT MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL.
Neutralizing Agent:SODIUM BICARBONATE

Handling

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER. IF TLV/PEL EXCEEDED USE NIOSH/MSHA APPROVED RESPIRATOR FOR MERCURY VAPOR.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.
Protective Gloves:PVC/RUBBER
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH, CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT.
Work Hygienic Practices:MAINTAIN STRICT CHEMICAL HYGIENE. WASH UPON CONTACT AND IMMEDIATELY CHANGE CONTAMINATED CLOTHING
Supplemental Safety and Health

Chemical Properties

HCC:C1
Spec Gravity:1.026
pH:0.8
Solubility in Water:MISCIBLE
Appearance and Odor:CLEAR,COLORLESS, ODORLESS, LIQUID

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, SULFUR, PHOSPHINE, ALCOHOLS, AND REDUCERS.
Stability Condition to Avoid:HEAT, EVAPORATION
Hazardous Decomposition Products:OXIDES OF MERCURY AND NITROGEN

Disposal

Waste Disposal Methods: MERCURY AND ITS COMPOUNDS SHOULD NOT BE PERMITTED TO CONTAMINATE THE ENVIRONMENT. CONSULT EPA FOR CURRENT RECOMMENDED DISPOSAL METHOD. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION S.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.