

HACH COMPANY -- MERCURIC IODIDE; CAT.NO. 749 -- 6810-00-247-0600

===== Product Identification =====

Product ID:MERCURIC IODIDE; CAT.NO. 749

MSDS Date:10/09/1985

FSC:6810

NIIN:00-247-0600

MSDS Number: BDNKZ

=== Responsible Party ===

Company Name:HACH COMPANY

Address:100 DAYTON RD

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Info Phone Num:303-669-3050

Emergency Phone Num:515-232-2533

CAGE:4T252

=== Contractor Identification ===

Company Name:HACH CO

Address:5

600 LINDBERGH DR

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Phone:970-669-3050/ 303-623-5716

CAGE:91224

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

CAGE:4T252

===== Composition/Information on Ingredients =====

Ingred Name:MERCURIC IODIDE, SOLUTION

CAS:7774-29-0

RTECS #:OW5300000

Fraction by Wt: 100%

OSHA PEL:S, C, 0.1 MG/M3 (HG)

ACGIH TLV:S, 0.1 MG/M3 (HG)

===== Hazards Identifi

cation =====

LD50 LC50 Mixture:LD LO 357 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:COMPOUNDS IS BOTH CORROSIVE AND TOXIC.

**MERCURY COMPOUNDS ARE EXCRETED VERY SLOWLY AND A LOW LEVEL
OVEREXPOSURE CAN LEAD TO THE BUILD UP OF TOXIC LEVELS IN THE BODY**

Effects of Overexposure:IRRITATION AND BURNS TO EXPOSED TISSUE. NAUSEA,
VOMITING, KIDNEY DAMAGE.

Medical Cond Ag

gravated by Exposure:NONE

===== First Aid Measures =====

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 Measures =====

Flash Point:NON-FLAMMABLE

Extinguishing Media:EXTINGUISH W

ITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES IN FIRE

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL. SWEEP UP, BEING CAREFUL TO
MINIMIZE DUST. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precauti

ons:STORE IN COOL DRY AREA. KEEP

CONTAINERS CLOSED. PROTECT FROM LIGHT.

===== Exposure Controls/Personal Protection =====

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:SAFETY GLASSES

Other Protective Equipment:SAFETY SHOWER & EYE BATH

Work Hygienic Practices:PRACTICE STRICT CHEMICAL HYGIENE. WASH
IMMEDIATELY AFTER CONTACT AND IM

**MEDIATELY CHANGE CONTAMINATED
CLOTHING.**

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:T4

Boiling Pt:B.P. Text:662F/350C

Melt/Freeze Pt:M.P/F.P Text:498F/259C

Solubility in Water:INSOLUBLE

Appearance and Odor:DULL RED SOLID, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CHLORINE TRIFLUORIDE

Stability Condition to Avoid:LIGHT, HEAT, FLAME

Hazardous Decompositio

n Products:MERCURY, IODINE

===== Disposal Considerations =====

**Waste Disposal Methods:DO NOT RELEASE MERCURY COMPOUNDS TO THE
ENVIRONMENT. CHECK WITH EPA FOR CURRENT DISPOSAL METHOD.**

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