

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:5600 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)
ACG

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

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===== Hazards Identification =====

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 EXP

OSSED TISSUE. NAUSEA,

VOMITING, KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:NONE

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===== 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.

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===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE

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:EMITS TOXIC FUMES IN FIRE

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

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

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL DRY AREA. KEEP
CONTAINERS CLOSED. PROTECT FROM LIGHT.

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===== 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 S

TRICT CHEMICAL HYGIENE. WASH
IMMEDIATELY AFTER CONTACT AND IMMEDIATELY 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

Stabi

lity Condition to Avoid:LIGHT, HEAT, FLAME

Hazardous Decomposition 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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