

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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Ingred Name:MERCURIC IODIDE, SOLUTION

CAS:7774-29-0

RTECS #:OW5300000

Fraction by Wt: 100%

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

ACGI

H 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 EXPO

SED 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 ST

RICT 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  
Stabil  
ity 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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