

HACH CO. -- 984, SODIUM PERIODATE FOR MANGANESE -- 6810-00-394-3557

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

Product ID:984, SODIUM PERIODATE FOR MANGANESE

MSDS Date:05/07/1996

FSC:6810

NIIN:00-394-3557

MSDS Number: BMXHD

=== Responsible Party ===

Company Name:HACH CO.

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010-6402

Country:US

Info Phone Num:800-227-4224

Emergency Phone Num:800-227-4224/515-232-2533

CAGE:4T252

=== Contractor Identification ===

Compa

ny 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

Company Name:TIM TUSSING ENTERPRISES

Box:UNKNOWN

CAGE:0EV39

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

Ingred Name:SODIUM PERIODATE

CAS:7790-28-5

RTECS #:SD4550000

Fraction by Wt: 100%

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Hazards Identification =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY BE IRRITATING TO EYES, SKIN AND
RESPIRATORY TRACT. INGESTION MAY CAUSE ABDOMINAL PAIN, VOMITING AND
DIARRHEA.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, RESPIRATORY
TRACT IRRITATION, ABDOMINAL PAIN, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING EYE AND SKIN
DISORDERS.

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

First Aid:EYE & SKIN CONTACT:IMMEDIATELY FLUSH EYES & SKIN W/WATER FOR
15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN.
INGESTION:GIVE LARGE AMOUNTS OF WATER. CALL PHYSICIAN IMMEDIATELY.
INHALATION:REMOVE TO FRESH AIR.

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

Autoignition Temp:Autoignition Temp Text:N/A.
Lower Limits:N/A.
Upper Limits:N/A.
Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:MFR GAVE NO INFORMATION OF MSDS.
Unusual Fire/Explosion Hazard:POWERFUL OXIDIZER. MAY DECOMPOSE
EXPLOSIVELY IN CASE OF FIRE. MAY EMIT TOXIC FUMES OF IODINE, IODINE
COMPOUNDS AND SODIUM OXIDES.

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

Spill Release Procedures:IN SMALL BATCHES, DILUTE W/EXCESS WATER IN A
BEAKER. NEUTRALIZE TO PH BETWEEN 6 & 9 W/SODA ASH. FLUSH TO DRAIN
W/EXCESS WATER.
Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:PROTECT FROM MOISTURE. KEEP AWAY FROM
OXIDIZABLE MATERIAL. AVOID CONTACT W/EYES, SKIN & CLOTHING. DO NOT
BREATHE DUST.
Other Precautions:STORE IN A COO

L, DRY PLACE. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:MFR GAVE NO INFORMATION OF MSDS.

Ventilation:USE WITH ADEQUATE VENTILATION.

Protective Gloves:RUBBER

Eye Protection:LAB GRADE GOGGLES

Other Protective Equipment:LAB COAT. AN EMERGENCY EYEWASH & SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

NONE

===== Physical/Chemical

Properties =====

HCC:D1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:N/A.

Melt/Freeze Pt:M.P/F.P Text:572F,300C

Decomp Temp:Decomp Text:572F,300C

Vapor Pres:N/A.

Vapor Density:N/A.

Spec Gravity:3.865

Evaporation Rate & Reference:N/A.

Solubility in Water:SOLUBLE

Appearance and Odor:SOLID, WHITE CRYSTALLINE POWDER, NO ODOR - PH 5% SOLUTION = 4.0-4.5

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

Stability Indicator/Materials to Avoid:YES

AMMONIUM COMPO

UNDS, ORGANIC MATERIAL, FINELY POWDERED METALS AND ANY OTHER REDUCERS.

Stability Condition to Avoid:HEAT, FLAMES

Hazardous Decomposition Products:IODINE, IODINE COMPOUNDS, SODIUM OXIDES.

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

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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