

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

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Product Identification
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Product ID:SODIUM PERIODATE FOR MANGANESE

MSDS Date:09/12/1993

FSC:6810

NIIN:00-394-3557

MSDS Number: BWFMF

=== 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 ===

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:SODIUM PERIODATE

CAS:7790-28-5

RTECS #:SD4550000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports o

f Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THIS PRODUCT MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT.
Explanation of Carcinogenicity:NOT CARCINOGENIC.
Effects of Overexposure:IRRITATION, INGESTION MAY CAUSE ABDOMINAL PAIN, VOMITING, AND DIARRHEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING EYE AND SKIN DISORDERS.

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

First Aid:EYE AND SKIN CONTACT: IMMEDIATELY FLUSH EYES AND SKIN WITH WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. INGESTION-GIVE LARGE QUANTITIES OF WATER. CALL PHYSICIAN IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR.

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

Extinguishing Media:WATER, CARBON DIOXIDE, OR DRY CHEMICAL.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:POWERFUL OXIDIZER: MAY DECOMPOSE EXPLOSIVELY IN CASE OF FIRE.

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

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

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

Handling and Storage Precautions:PROTECT FROM MOISTURE. KEEP AWAY FROM OXIDIZABLE MATERIALS.
Other Precautions:DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:DO NOT BREATHE DUST.
Ventilation:ADEQUATE VENTILATION.
Protective Gloves:RUBBER GLOVES.
Eye Protection:LAB GRADE GOGGLES.
Other Protective Equipment:LAB COAT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health OXIDIZABLE SOLID.

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

HCC:D1
Spec Gravity:0.665
pH:4-4.5
Solubility in Water:SOLUBLE
Appear

ance and Odor:SOLID, WHITE CRYSTALLINE POWDER, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH CHROMIUM COMPOUNDS, ORGANIC MATERIALS, FINELY-POWDERED METALS AND ANY OTHER POWDER.

Stability Condition to Avoid:HEAT, FLAMES.

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF IODINE AND SODIUM OXIDES.

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

Waste Disposal Methods:DISPOSE

OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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