

HACH COMPANY -- SODIUM PERIODATE POWDER PILLOWS, 984 -- 6810-01-200-8009

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Product Identification
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Product ID:SODIUM PERIODATE POWDER PILLOWS, 984

MSDS Date:06/01/1995

FSC:6810

NIIN:01-200-8009

Status Code:A

MSDS Number: CKDCJ

=== Responsible Party ===

Company Name:HACH COMPANY

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Info Phone Num:970-669-3050

Emergency Phone Num:303-623-571

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Resp. Party Other MSDS Num.:M00021

CAGE:91224

=== 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

Contract Num:SP0450-00-M-D407

CAGE:91224

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Composition/Information on Ingredients
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Ingred Name:SODIUM PERIODATE

CAS:7790-28-5

RTECS #:SD4550000

= Wt:100.

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Hazards Identification
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Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: CAUSES SEVERE IRRITATION. SKIN CONTACT: CAUSES MODERATE IRRITATION. SKIN ABSORPTION:NONE REPORTED. TARGET ORGANS: NONE REPORTED. INGESTION: MAY CAUSE ABDOMINAL PAIN, VOMITING. DIARRHEA. T ARGET ORGANS: NONE REPORTED. INHALATION: MAY CAUSE IRRITATION OF NOSE AND THROAT. TARGET ORGANS: NONE REPORTED.

Effects of Overexposure:CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. EYE IRRITATION. SKIN IRRITATION.

INGESTION: ABDOMINAL PAIN, VOMITING, DIARRHEA. IRRITATION OF NOSE AND THROAT.

Medical Cond Aggravated by Exposure:PRE-EXISTING: EYE CONDITIONS SKIN CONDITIONS.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN CONTACT(FIRST AID): WASH SKIN WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN IMME DIATELY. INGESTION (FIRST AID): GIVE L ARGE QUANTITIES OF WATER. CALL PHYSICIAN IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR.

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

Autoignition Temp:Autoignition Temp Text:N/D

Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:MAY REACT VIOLENTLY WITH STRONG REDUCERS.

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

Spill Release Procedures:CONTAINMENT TECHNIQUE: STOP SPILLED MATERIAL FROM BEING RELEASED TO THE ENVIRONMENT. COVER SPILLED SOLID MATERIAL WITH SAND OR OTHER INERT MATERIAL. CLEANUP TECHNIQUE: WORKING WITH SMALL BATCHES, DILUTE WITH EXCESS WATER. ADJUST TO A PH BETWEEN 6-9 WITH AN ALKALI. FLUSH REACTED MATERIAL TO THE DRAIN WITH LARGE EXCESS OF WATER. DECONTAMINATE SITE WITH AN ALKALI SOLUTION.

Neutralizing Agent:ALKALI (SODA ASH OR SO

DIUM BICARBONATE)

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES SKIN CLOTHING.
DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING. MAINTAIN
GENERAL INDUSTRIAL HYGIENE PRACTICES WHEN USING THIS PRODUCT.
STORAGE: PROTECT FROM: MOISTURE OXIDIZABLE MATERIALS

Other Precautions:DISPOSAL: OPEN COLD WATER TAP COMPLETELY, SLOWLY POUR
THE REACTED MATERIAL TO THE DRAIN. ALLOW COLD WATER TO RUN FOR 5
MINS

TO COMPLETELY FLUSH SYSTEM. VERIFICATION SHOULD BE MADE THAT
SUCH DISPOSAL IS NOT INCONSISTENT WITH ANY PRETREATMENT AGREEMENT
YOUR FACILITY MAY HAVE WITH THE WASTEWATER TREATMENT FACILITY.

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

Respiratory Protection:WEAR SELF-CONTAINED BREATHING APPARATUS
PRESSURE-DEMAND

Ventilation:ADEQUATE VENTILATION

Protective Gloves:DISPOSABLE LATEX GLOVES

Eye Protection:SAFETY GLASSES WITH TOP AND SIDE SHIELDS

Other Protective

Equipment:LAB COAT

Work Hygienic Practices:MAINTAIN GENERAL INDUSTRIAL HYGIENE PRACTICES
WHEN USING THIS PRODUCT. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EMPTY CONTAINER-RINSE THREE TIMES WITH AN APPROPRIATE SOLVENT.

PRECAUTIONARY MEASURES: AVOID CONTACT WITH : EYE, SKIN AND CLOTHING.
DO NOT BREATHE: DUST.

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

HCC:D1

Melt/Freeze Pt:=-300.C, 572.F

Spec Gravity:3.865

pH:4 - 4.5

Solubility in Water:

SOLUBLE

Appearance and Odor:SOLID, WHITE POWDER; NO ODOR

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

Stability Indicator/Materials to Avoid:YES

MAY REACT VIOLENTLY IN CONTACT WITH REDUCERS ORGANIC MATERIALS.

Stability Condition to Avoid:EXCESS MOISTURE. HEATING TO DECOMPOSITION.

Hazardous Decomposition Products:TOXIC FUMES OF IODINE IODINE COMPOUNDS
SODIUM MONOXIDE

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===== Toxicological Information =====

Toxicological Information:NONE R

EPORTED.

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===== Ecological Information =====

Ecological:NO INFORMATION AVAILABLE ON THIS PRODUCT.

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

Waste Disposal Methods:EPA WASTE ID NUMBER: D001. SPECIAL INSTRUCTIONS(DISPOSAL): WORK IN AN APPROVED FUME HOOD. WORK IN A LARGE CONTAINER, CAUTIOUSLY ADD SMALL PORTIONS OF THE MATERIAL TO COLD WATER WITH AGITATION. ADJUST TO A PH BETWEEN 6 AND 9 WITH AN ALKALI, SUCH AS SODA ASH OR SODIUM BICARBONATE.

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===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME: OXIDIZING SOLID, N.O.S. (SODIUM PERIODATE). HAZARD CLASS: 5.1. ID NUMBER: UN1479. PACKING GROUP: II.

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===== Regulatory Information =====

SARA Title III Information:311/312: IMMEDIATE (ACUTE) HEALTH HAZARD, FIRE HAZARD.

Federal Regulatory Information:OSHA: THIS PRODUCT MEETS THE CRITERIA FOR A HAZARDOUS SUBSTAN

CES AS DEFINED IN THE HAZARD COMMUNICATION

STANDARD. RCRA: CONTAINS RCRA REGULATED SUBSTANCES. TSCA LISTED: YES. TSCA CAS NUMBER: 7790-28-5 .

State Regulatory Information:NO PROPOSITION 65 LISTED CHEMICALS ARE PRESENT IN THIS PRODUCT.

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===== Other Information =====

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===== Disclaimer (provided with this information by the compiling agencies):

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