

HACH CO -- SULFITE 1 REAGENT POWDER PILLOWS 2203 -- 6810-01-200-8009

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Product Identification
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Product ID:SULFITE 1 REAGENT POWDER PILLOWS 2203

MSDS Date:04/13/1995

FSC:6810

NIIN:01-200-8009

Status Code:A

MSDS Number: CJMPD

=== Responsible Party ===

Company Name:HACH CO

Box:389

City:LOVELAND

State:CO

ZIP:80539-0389

Country:US

Info Phone Num:970-669-3050

Emergency Phone Num:303-623-5716

C

AGE: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

CAGE:91224

Company Name:UNITED PROCUREMENT

Address:3655 RUFFIN RD SUITE 230

Box:City:SAN DIEGO

State:CA

ZIP:92123

Country:US

Phone:619-467-9880

Contract Num:SP0450-99-M-NH15

CAGE:0PHG7

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

> Wt

:95.

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
< Wt:5.

Ingred Name:STARCH
CAS:9005-84-9
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:OTHER COMPONENT
< Wt:1.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: NONE REPORTED. EYE
CONTACT: CAUSES IRRITATION. SKIN CONTACT: MAY CAUSE IRRITATION.
SKIN ABSORPTION: NONE REPORTED. INGESTION: MAY CAUS
E ABDOMINAL
PAIN. MAY CAUSE IODISM, WHICH SYMPTOMS INCLUDE SKIN RASH,
CONJUNCTIVITIS, RUNNY NOSE, SNEEZING, BRONCHITIS, HEADACHE, FEVER
AND IRRITATION OF MUCOUS MEMBRANES. INHALATION: MAY CAUSE
RESPIRATORY TRACT IRRITATION.
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY OSHA,
IARC OR NTP LISTED CHEMICALS AS CARCINOGENS.
Effects of Overexposure:EYE CONTACT CAUSES IRRITATION. SKIN CONTACT MAY
CAUSE IRRITATION. INGESTION MAY CAUSE ABDOMINAL PAIN. MAY CAUSE
IODISM, WHICH SYMPTOMS INCLUDE SKIN RASH, CONJUNCTIVITIS, RUNNY
NOSE, SNEEZING, BRONCHIT IS, HEADACHE, FEVER AND IRRITATION OF
MUCOUS MEMBRANES. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR 15
MINUTES. CALL PHYSICIAN. SKIN CONTACT: WASH SKIN WITH PLENTY OF
WATER. INGESTION: G

IVE LARGE QUANTITIES OF WATER. CALL PHYSICIAN IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. CALL PHYSICIAN.

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

Extinguishing Media: DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE
Fire Fighting Procedures: AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE DEMAND AND FULL PROTECTIVE GEAR. DOES NOT BURN, BUT MAY MELT IN A FIRE, RELEASING TOXIC FUMES.

Unusual Fire/Explosion Hazard: MAY REACT VIOLENTLY WITH BROMINE TRIFLUORIDE.

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

Spill Release Procedures: ONLY PERSONS PROPERLY QUALIFIED TO RESPOND TO AN EMERGENCY INVOLVING HAZARDOUS SUBSTANCES MAY RESPOND TO A SPILL ACCORDING TO OSHA 29 CFR 1910.1200(A)(V) AND PER YOUR COMPANY'S EMERGENCY PLAN. STOP SPILLED MATERIAL FROM BEING RELEASED TO ENVIRONMENT. SCOOP UP SPILLS INTO A LARGE BEAKER AND DISSOLVE WITH WATER. FLUSH D

OWN DRAIN WITH A LARGE EXCESS OF WATER. WASH AREA WITH A WEAK ACID SOLUTION.

Neutralizing Agent: A WEAK ACID SOLUTION.

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

Handling and Storage Precautions: PROTECT FROM MOISTURE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions: AVOID CONTACT WITH EYES, SKIN. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING. MAINTAIN GENERAL INDUSTRIAL HYGIENES WHEN USING THIS PRODUCT.

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

Respiratory Protection: DO NOT BREATHE DUST.

Ventilation: ADEQUATE VENTILATION.

Protective Gloves: DISPOSABLE LATEX GLOVES

Eye Protection: SAFETY GLASSES WITH TOP AND SIDE SHIELDS.

Other Protective Equipment: LAB COAT. HAVE AN EYEWASH STATION NEARBY.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN. MAINTAIN GENERAL INDUSTRIAL HYGIENIC PRACTICES WHEN USING THIS PRODUCT. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
PROTECT FROM

MOISTURE

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

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:=130.C, 266.F

Spec Gravity:2.97(WATER=1)

pH:9.4

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE TO TAN POWDER OR CRYSTALS, NO ODOR

Corrosion Rate:0.007 IN/YR STEEL

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH ALKALOIDAL SALTS, METALIC SALTS, BROMINE TRIFLUORIDE,
DE,

CHLORINE TREFLUORIDE

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

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF POTASSIUM
OXIDE, IODINE, IODINE COMPOUNDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:POTASSIUM CARBONATE LD50: ORAL RAT LD50 =
1870 MG/KG; POTASSIUM IODIDE INTRAVENOUS RAT LD50 = 285 MG/KG; ORAL
MOUSE LDLO
= 1862 MG/KG

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

Ecological:NO INFORMATION AVAILABLE.

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

Waste Disposal Methods:DILUTE MATERIAL WITH EXCESS WATER MAKING A
WEAKER THAN 5% SOLUTION. OPEN COLD WATER TAP COMPLETELY, SLOWLY
POUR THE MATERIAL TO THE DRAIN. ALLOW COLD WATER TO RUN FOR 5
MINTES TO COMPLETELY FLUSH THE SYSTEM. RINSE EMPTY CONTAINER
BEFORE DISPOSAL. THESE DISPOSAL GUIDELI

NES ARE BASED ON FEDERAL
REGULATIONS. CONSULT LOCAL REGULATORS.

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Regulatory Information
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SARA Title III Information:SECTION 311/312: IMMEDIATE (ACUTE) HEALTH HAZARD. SECTION 313: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SARA.

Federal Regulatory Information:OSHA: THIS PRODUCT MEETS THE CRITERIA FOR A HAZARDOUS SUBSTANCE AS DEFINED IN THE HAZARDOUS COMMUNICATION

STANDARD (29 CFR 1910.1200). TSCA STATUS: ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY (40 CFR 710).

State Regulatory Information:NO CALIFORNIA PROPOSITION 65.

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