View NSN Online: https://aerobasegroup.com/nsn/6810-01-183-4634

HACH CO -- DPD TOTAL CHLORINE REAGNET POWDER PILLOWS

MSDS Safety Information

FSC: 6810

NIIN: 01-183-4634 MSDS Date: 06/12/1996 MSDS Num: CJGRP

Product ID: DPD TOTAL CHLORINE REAGNET POWDER PILLOWS

MFN: 02

Responsible Party Cage: 91224 Name: HACH CO

Box: 389

City: LOVELAND CO 80539-0389

Info Pho

ne Number: 970-669-3050

Emergency Phone Number: 515-232-2533/303-623-5716 Resp. Party Other MSDS No.: M00110, CATALOG NO. 14064

Item Description Information

Item Manager: S9G

Item Name: POWDER PILLOWS, CHLORINE REAGENT

Unit of Issue: BX

Quantitative Expression: 0000000100PI

UI Container Qty: 0
Type of Container: BOX

Ingredients

Name: *** PROPRIETARY ***

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS 7000 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: NO Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO OSHA: NO

Effects of Exposure: TARGET ORGANS: LIVER. EYE CONTACT: MAY CAUSE IRRITATION.

SKIN CONTACT

- : MAY CAUSE IRRITATION. MAY CAUSE ALLERGIC REACTION. INGESTION: CAUSES: LETHARGY, LOSS OF STRENGTH, LOSS OF COORDINATION, DIFFI CULT BREATHING, DIARRHEA. MAY CAUSE IODISM. INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION. EFFECTS SIMILAR TO THOSE OF INGESTION. CHRONIC- MAY CAUSE ALLERGIC SKIN REACTIONS, HYPOTHYROIDISM, AND LIVER DAMAGE. MAY CAUSE IODISM (IODINE OVERDOSE).
- Explanation Of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN ANY OSHA LISTED CARCINOGENS. THIS PRODUCT
- DOES NOT CONTAIN ANY IARC LISTED CHEMICALS. THIS
 PRODUCT DOES NOT CONTAIN ANY NTP LISTED CHEMICALS. MATERNAL INGESTION OF
 - POTAS SIUM IODIDE DURING PREGNANCY MAY CAUSE CONGENITAL GOITER AND HYPOTHYROIDISM IN THE NEWBORN INFANT.
- Signs And Symptions Of Overexposure: CHRONIC- MAY CAUSE ALLERGIC SKIN REACTION IN SOME PEOPLE CAUSING SEVERE SKIN RASHES AND ITCHING, IODINES OVERDOSE, "IODISM", MAY CAUSE SKIN RASH, CONJUNCTIVITIS, RUNNY NOSE, SNEEZING, BRONCHITIS, HEA DACHES, FEVER AND IRRI
- TATION OF MUCOUS MEMBRANES.
- Medical Cond Aggravated By Exposure: ALLERGY/ SENSITIVITY TO SALTS OF N,N-DIETHYL-P-PHENYLENEDIAMINE; PRE-EXISTING EYE, SKIN, RESP TRACT CONDITIONS. PERSONS W/ PRE-EXISTING RESP COND MAY BE MORE SUSCEPTIBLE TO EFFECTS OF KI EXPOSURES.
- First Aid: EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN CONTACT: WASH SKIN WITH SOAP AND PLENTY OF WATER. CALL PHYSICIAN IF IRRITATION DEVELOPS. INGESTION: GIVE 1-2 GLASSES OF W
- ATER. CALL PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR.

Handling and Disposal

- Spill Release Procedures: STOP SPILLED MATERIAL FROM BEING RELEASED TO THE ENVIRONMENT. SCOOP UP SPILL MATERIAL INTO A LARGE BEAKER AND DISSOLVE WITH WATER. FLUSH REACTED MATERIAL TO THE DRAIN WITH A LARGE EXCESS OF WATER. DECONT
- AMINATE THE AREA OF THE SPILL WITH A SOAP SOLUTION. EVACUATE AS NEEDED TO PERFORM SPILL CLEAN-P. IF CONDITIONS WARRANT, INCREASE THE SIZE OF THE EVACUATION.
- Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
- Waste Disposal Methods: DILUTE TO 3 TO 5 TIMES THE VOLUME WITH COLD WATER. OPEN COLD WATER TAP COMPLETELY, SLOWLY POUR THE MATERIAL TO THE DRAIN. ALLOW COLD WATER TO RUN FOR 5 MINUTES TO COMPLETELY FLUSH THE SYSTEM. EMPTY CO NTAINER: RINSE THREE TIMES WITH AN APPROPIATE SOLVENT.

DISPOSE OF EMPTY CONTAINER AS

NORMAL TRASH. S TATE/LOCAL REQUIREMENTS MAY BE MORE STRINGENT.

Handling And Storage Precautions: AVOID CONTACT WITH THE EYES, SKIN AND

CLOTHING. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING. MAINTAIN GENERAL INDUSTRIAL HYGIENE PRACTICES WHEN USING THIS PRODUCT. STORE BETWEEN

10 AND 25C. PR OTECT FROM LIGHT, HEAT, MOISTURE. Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Haz

ard Information

Extinguishing Media: USE MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures: AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING

APPARATUS PRESSURE-DEMAND AND FULL PROTECTIVE GEAR. DURING A FIRE, THIS PRODUCT DECOMPOSES TO FORM TOXIC GASES.

Unusual Fire/Explosion Hazard: NONE REPORTED. HAZARDOUS COMBUSTION PRODUCTS: TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, IODINE COMPOUNDS, PHOSPHOROUS OXIDE

S, POTASSIUM OXIDES, & amp; SODIUM MONOXIDE

Control Measures

Respiratory Protection: ADEQUATE VENTILATION.

Ventilation: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO MISTS, VAPOR OR

DUST.

Protective Gloves: DISPOSABLE LATEX GLOVES.

Eye Protection: SAFETY GLASSES WITH TOP AND SIDE SHIELDS.

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

Work Hygienic Practice

s: AVOID CONTACT WITH EYES, SKIN, CLOTHING. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: PROTECT FROM LIGHT HEAT MOSITURE. AVOID CONTACT

WITH: EYES, SKIN, AND CLOTHING. DO NOT BREATHE DUST.

Physical/Chemical Properties

HCC: N1

Melt/Freeze Pt: =145.C, 293.F

Spec Gravity: 1.79 PH: 6.39 (1% SOLN)

Evaporation Rate & Properties Reference: N/A (H20=1)

Solubility in Water: SOLUBLE

Appearance and Odor: WHITE OR LIGHT PINK POWDER. NO ODOR. SOLID.

Corrosion Rate: STEEL =0.038 IN/YR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: EXPOSURE TO LIGHT. EXCESS MOISTURE. EXTREME

TEMPERATURES.

Materials To Avoid: INCOMPATIBLE WITH OXIDIZERS.

Hazardous Decomposition Products: HEATING TO DECOMPOSITION RELEASES TOXIC

ΔN

D/OR CORROSIVE FUMES OF CARBON DIOXIDE, CARBON MONOXIDE, IODINE COMPOUNDS, PHOSPHORUS OXIDES, & POTASSIUM OXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

Toxicological Information

Toxicological Information: PRODUCT TOXICITY: LD50: ORAL RAT (FEMALE) LD50=4700 MG/KG; ORAL RAT (MALE) LD50=7000 MG/KG. LC50: NONE REPORTED. DERMAL TOXIC ITY:

NONE REPORTED. SKIN AND EYE IRRITATION DATA: NONE REPORTED. MUTATION DATA: NONE REPORTED. REPRODUCTIVE EFFECTS: NONE REPORTED. INGREDIENT TOXICITY DATA: DPD ORAL RAT LD50=970 MG/KG. POTASSIUM IODIDE ORAL MOUSE LDLO=1862 MG/KG. SODIUM PHOSPHATE, DIBASIC ORAL RAT LD50=17 G/KG.

Ecological Information

Ecological: NO ECOLOGICAL DATA AVAILABLE FOR THIS PRODUCT. INGREDIENT

OCLOGICAL DATA: NO ECOLOGICAL DATA AVAILABLE FOR THE INGREDIENTS OF THIS PRODUCT

MSDS Transport Information

Transport Information: NOT CURRENTLY REGULATED.

Regulatory Information

Sara Title III Information: IMMEDIATE (ACUTE) HEALTH HAZARD. DELAYED (CHRONIC)

HEALTH HAZAR

D. THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF SARA.

Federal Regulatory Information: THIS PRODUCT MEETS THE CRITERIA FOR A HAZARDOUS SUBSATNCE AS DEFINES IN THE OSHA HAZARD COMMUNICATION STANDARD. US INVENTORY STATUS: ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE TSCA 8(B) INVENTO RY (40 CFR 710).

State Regulatory Information: CALIFORNIA PROP. 65: NO PROP. 65 LISTED CHEMICALS ARE PRESENT IN THIS PRODUCT. PRODUCT IS

LISTED AS A TRADE SECRET IN THE STATE

OF NEW YORK, MASSACHUSETTS, ILLINOIS. PRODUCT COMPLIES WITH THE PENNSYLV ANIA TRADE SECRET REGULATIONS. NEW YORK TRADE SECRET REGISTRY NUMBER 479 (CARBOXYLATE SALT); NEW YORK TRADE SECRET REGISTRY NUMBER 478 (DPD SALT); NEW JERSEY TRADE SECRET REGISTRY NUMBER 80100131-5002 (DPD SALT); NEW JERSEY TRADE SECRET REGISTRY NUMBER80100131-5001 (CARBOXYLATE SALT).

Other Information

==========

Other Information: INTENDED USE-INDICATOR FOR TOTAL CHLORINE.

Transportation Information

Responsible Party Cage: 91224

Trans ID NO: 145191

Product ID: DPD TOTAL CHLORINE REAGNET POWDER PILLOWS

MSDS Prepared Date: 06/12/1996

Review Date: 06/23/1999

MFN: 2

Multiple KIT Number: 0 Unit Of Issue: BX Container QTY: 0

Type Of Container: BOX

Detail DOT Information

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail IMO Information

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Det

ail IATA Information

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail AFI Information

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: DPD TOTAL CHLORINE REAGNET POWDER PILLOWS

Cage: 91224

Company Name: HACH CO Street: 5600 LINDBERGH DR

PO Box: 389

City: LOVELAND CO Zipcode: 80539

Health Emergency Phone: 515-232-2533/303-623-5716

Label Required IND: Y

Date Of Label Review: 01/21/2000

Status Code: C Year Procured: 1999 Origination Code: F Chronic Hazard IND: Y Eye Protection IND: YES Skin Protection IND: YES Signal Word: CAUTION Health Hazard: Slight Contact Hazard: Slight Fire Hazard: None

Reacti

vity Hazard: None

Hazard And Precautions: TARGET ORGANS: LIVER. EYE CONTACT-MAY CAUSE IRRITATION. SKIN-MAY CAUSE IRRITATION. MAY CAUSE ALLERGIC REACTION. INGESTION-CAUSES: LETHARGY LOSS OF COORDINATION, DIFFICULT BREATHING, DIARRHEA. MAY CAUS E IODISM. INHALATION-MAY CAUSE RESPIRATORY TRACT IRRITATION. EFFECTS SIMILIAR TO THOSE OF INGESTION.

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

formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the

United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.