

HACH CO. -- DPD TOTAL CHLORINE REAGENT -- 6810-01-183-4634

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Product Identification
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Product ID:DPD TOTAL CHLORINE REAGENT

MSDS Date:08/21/1996

FSC:6810

NIIN:01-183-4634

MSDS Number: BSFLB

=== 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

Res

p. Party Other MSDS Num.:M00110

CAGE:4T252

=== 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: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:CARBOXYLATE SALT

Minimum % Wt:30.

Maximum % Wt:60.

Other REC Limits:NO

NE RECOMMENDED

Ingred Name:SODIUM PHOSPHATE, DIBASIC (SARA III)

CAS:7558-79-4

RTECS #:WC4500000

Minumum % Wt:15.

Maxumum % Wt:40.

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

Minumum % Wt:15.

Maxumum % Wt:40.

Other REC Limits:NONE RECOMMENDED

Ingred Name:DPD SALT (TRADE SECRET)

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)

< Wt:

1.

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 5850 MG/KG

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THIS PRODUCT MAY BE: IRRITATING TO EYES, SKIN, RESPIRATORY TRACT, AND MAY CAUSE ALLERGIC SKIN REACTION. ACUTE TOXICITY: SLIGHTLY TOXIC. CHRONIC TOXICITY: NOT DETERMINED.

Explanation of

Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:OVEREXPOSURE: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION, SKIN SENSITIZATION. MAY CAUSE CHRONIC "IODISM": SKIN RASH, CONJUNCTIVITIS, RUNNY NOSE, SNEZING, BRONCHITIS, HEADACHE, FEVER, IRRITAT ION OF MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:ALLERGY OR SENSITIVITY TO SALTS OF N,N- DIETHYL-P-PHEN

YLENEDIAMINE; PREEXISTING EYE, SKIN AND
RESPIRATORY TRACT CONDITIONS.

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First Aid Measures
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First Aid:EYE AND SKIN-IMMEDIATELY FLUSH EYE WITH WATER 15 MIN. CALL
PHYSICIAN. REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND
PLENTY OF WATER. INGESTION-GIVE LARGE QUANTITIES OF WATER. CALL
PHYSICIAN IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR.

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Fire Fighting Measures
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Lower Limits:NOT G
IVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON
DIOXIDE.

Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES IN FIRE.

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Accidental Release Measures
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Spill Release Procedures:SWEEP UP POWDER. AVOID BREATHING MATERIAL.
DISSOLVE IN WATER. FLUSH DOWN DRAIN WITH EXCESS WATER IF ALLOWABLE.

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Handling and Storage
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Handling and Storage Precautions:AVOID CONTACT WITH THE
EYES. STORE IN A
COOL, DRY, DARK PLACE.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NORMALLY REQUIRED.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO
MAINTAIN EXPOSURE LEVELS.

Protective Gloves:DISPOSABLE GLOVES.

Eye Protection:LAB GRADE GOGGLES.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health
AVOID PROLONGED OR REPEATE

D CONACT WITH SKIN. DO NOT BREATHE DUST. KEEP PROTECTED FROM SUNLIGHT.

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

HCC:N1

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

Spec Gravity:1.79

pH:6.39

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE TO PALE PINK POWDER. NO ODOR. SOLID.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXTREME TEMPERATURES, EXCESS MOISTURE, EXPOSURE TO LIGH

T.

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF PHOSPHORUS OXIDES, IODINE, IODINE COMPOUNDS IN FIRE.

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

Toxicological Information:ACUTE TOXICITY: ORAL RAT LD50=5450 MG/KG; SLIGHTLY TOXIC. CHRONIC TOXICITY: NOT DETERMINED. CANCER INFORMATION: NOT DETERMINED. TARGET ORGANS: NOT DETERMINED.

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

Waste Disposal Methods:DISCARD ANY PRODUCT, RESIDUE , DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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

Transport Information:D.O.T. PROPER SHIPPING NAME: NOT CURRENTLY REGULATED. I.C.A.O. PROPER SHIPPING NAME: NOT CURRENTLY REGULATED. I.M.O. PROPER SHIPPING NAME: NOT CURRENTLY REGULATED.

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encies):

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