

H & H SUPPLY CO. -- DSHWSHNG CMPD,MAC CL I HI PHOSPHT W/CAUSTIC -- 7930-00-140-1179

===== Product Identification =====

Product ID:DSHWSHNG CMPD,MAC CL I HI PHOSPHT W/CAUSTIC

MSDS Date:12/07/1988

FSC:7930

NIIN:00-140-1179

MSDS Number: BHBMJ

=== Responsible Party ===

Company Name:H & H SUPPLY CO.

Address:5223 INTERPORT DRIVE

Box:7695

City:RICHMOND

State:VA

ZIP:23231-4336

Country:US

Info Phone Num:804-222-2162

Emergency Phone Num:804-222-2162

Preparer's Name:MIKE

JACOBS

CAGE:63895

=== Contractor Identification ===

Company Name:GURTLER CHEMICALS INC

Address:15475 S LASALLE ST

Box:City:SOUTH HOLLAND

State:IL

ZIP:60473

Country:US

Phone:708-331-2550

CAGE:0CA58

Company Name:H & H SUPPLY CO.

Address:5223 INTERPORT DRIVE

Box:7695

City:RICHMOND

State:VA

ZIP:23231-4336

Country:US

Phone:804-222-2162

CAGE:63895

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by

Wt: 10%  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM PHOSPHATE, TRIBASIC (SARA III)  
CAS:7758-29-4  
RTECS #:YK4570000  
Fraction by Wt: 35%  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SODA ASH  
CAS:497-19-8  
RTECS #:VZ4050000  
Fraction by Wt: 30%

Ingred Name:SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE  
CAS:2893-78-9  
RTECS #:XZ1900000  
Fraction by Wt: 3%  
ACGIH TLV:1 MG/M3

Ingred Name:POLYOXYETHYLENE COPOLYMER  
CAS:9003-11-6  
Fraction by Wt: 2%

Ingred Name:SILICIC ACID, DISODIUM SALT  
CAS:6834-92-0  
RTECS #:VV9275000  
Fraction by Wt: 15%  
ACGIH TLV:2 MG/M3

Ingred Name:SODIUM SULFATE  
CAS:7757-82-6  
RTECS #:WE1650000  
Fraction by Wt: 30%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE TO ALL BODY TISSUE W/WHICH  
THE PURE PRODUCT COMES IN CONTACT WITH. DERMA

L EXPOSURE CONSISTS OF  
MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION OF THE SKIN. INHALATION OF  
DUST MAY RESULT VARYING DEGREES OF IRRITATION/DAMAGE TO RESPIRATORY  
TRACT TISSUES/INCREASED SUSCEPTIBILITY TO RESPIR. ILLNESS. ONLY  
WHEN TLV EXCEED.

Effects of Overexposure:SEE ABOVE

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

First Aid:EYE: FLUSH IMMED. W/LARGE AMT OF WTR. THEN SEEK MED. ATT.  
SKIN: IMMED. WASH CONTAM AREA W/PLENTY OF WTR. REMOVE CONTAM  
CLOTHING/WASH BEFORE REUSE. IF DERMAL DAMAGE SEEK MED. ATTN. IMMED.  
INHALATION: REMOVE TO FRESH AIR DIFF BREATHING. ADMIN OXYGEN BY  
TRAINED PERSONNEL. SEEK MED. ATTN. INGESTION: DO NOT INDUCE  
VOMITING IF CONSCIENCE, GIVE LRG AMT OF WTR. SMALL QUANT WILL CAUSE  
GREAT DAMAGE.SEEK MED

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

Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:THIS PRODUCT IS NOT COMBUSTIBLE, DILUTE AREA WITH  
WATER SPRAY IN  
AREAS WHERE THIS PRODUCT IS STORED  
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING. USE NIOSH  
CERTIFIED GAS MASK WITH CANISTER FOR CHLORINE  
Unusual Fire/Explosion Hazard:CHLORINE CONT GAS W/TRACES OF PHOSGENE  
CAN BE LIBERATED AT TEMP IN EXCESS OF 400 F.WTR REACT W/CHLORINE  
SOURCE-TO FORM HAZARD QNT OF NITROGEN TRICHLORIDE(EXPLOSIVE)

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

Spill Release Procedures:SOLID SPILLS SCOOP/PLACE IN APPROVED  
CONTAINERS FOR  
DISPOSAL. MAKE SURE MATERIAL IS DRY. FLUSH REMAINING  
MATERIAL W/LRG AMT OF WTR. MAY BE NEUTRAL W/REDUCING AGENT, CHLORINE  
FIRST THEN DILUTE INORGANIC ACID  
Neutralizing Agent:REDUCING  
AGENTS,HYDROCHLORIC,SULFURIC,PHOSPHORIC,NITRIC ACID, SODIUM  
THIOSULFATE

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. PROTECT FROM  
MOISTURE/EXCESSIVE HEAT. DECOMP OF CHLORINE COMP OF PRODUCT 350 F  
W/LIBERATION

OF HARMFUL GASES. WILL DECOMPOS

Other Precautions:PRODUCT IS CORROSIVE TO TIN, ALUMINUM, ZINC, AND  
ALLOY CONTAINING THESE METALS.AVOID CONTACT OF PURE PRODUCT WITH  
THESE METALS. USE WITH ADEQUATE VENTILATION WHEN EXPOSURE TO DUST  
MAY EXCEED THE TLV. AVOID DIRECT DERMAL CONTACT.

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

Respiratory Protection:NIOSH CERTIFIED GAS MASK WITH CANISTER FOR  
CHLORINE

Ventilation:TO KEEP DUST LEVELS WITHIN TLV LIMITS, NORMALL  
Y GENERAL  
VENTILATION

Protective Gloves:LIQUID PROOF RUBBER

Eye Protection:GAS TIGHT CHEMICAL GOGGLES

Other Protective Equipment:WEAR FULL COVER CLOTHING

Supplemental Safety and Health

NK

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

HCC:B1

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.2

pH:12.0

Solubility in Water:>10%

Appearance and Odor:WHITE GRANULAR POWDER WITH A SLIGHT HINT OF  
CHLORINE ODOR.

Percent Volatiles by Volume: