

QUALCHEM COMPANY -- 041297, 53009A, -- 6850-01-287-8067

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

Product ID:041297, 53009A,

MSDS Date:10/29/1996

FSC:6850

NIIN:01-287-8067

MSDS Number: CDXLZ

=== Responsible Party ===

Company Name:QUALCHEM COMPANY

Address:BUILDING 12, 681 MAIN STREET

City:BELLEVILLE

State:NJ

ZIP:07108

Country:US

Info Phone Num:201-759-0105

Emergency Phone Num:201-759-0105

CAGE:KO516

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Contractor Identification ===

Company Name:QUALCHEM / HELION INDUSTRIES, INC.

Address:BLD 12, 681 MAIN STREET

Box:City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Phone:201-759-0105

CAGE:KO516

Company Name:QUALCHEM CO DIV OF GREEN GLOBE INDUSTRIES INC

Address:600 MEADOWLANDS PKY NO 20

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:800-327-3456 FAX: 201-842-1307

CAGE:07XT7

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

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73

-2
RTECS #:WB4900000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM TETRABORATE, ANHYDROUS (BORAX)
CAS:1330-43-4
RTECS #:VZ2275000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:1 MG/M3; 9495

Ingred Name:SODIUM METASILICATE
CAS:6834-92-0
RTECS #:VV9275000
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-MERCAPTOBENZOTHAZOLE
CAS:149-30-4
RTECS #:DL6475000
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRITATION OR BURNS ON
PROLONGED CONTACT. SKIN:PROLONGED CONTACT MAY IRRITATE & DRY THE
SKIN CAUSING DERMATITIS. INHALATION:HIGH VAPOR CONCENTRATIONS MAY
CAUSE DIZZINESS, NAUSEA, OTHER CNS EFFECTS.
INGESTION:MAY CASUE
IRRITATION TO G/I TRACT RESULTING IN NAUSEA & VOMITING.
Explanation of Carcinogenicity:DOES NOT CONTAIN INGREDIENTS KNOWN TO BE
A PROBABLE CARCINOGEN BY ACGIH, IARC, NTP OR OSHA.
Effects of Overexposure:EYE:IRRITATION, BURNMS. SKIN:IRRITATION,
DRYING, DERMATITIS. INHALATION:DIZZINESS, NAUSEA, OTHER CNS
EFFECTS. INGESTION:G/I TRACT IRRITATION, NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

===== First

Aid Measures =====

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT
INDUCE VOMITING. GIVE SEVERAL GLASSES OF MILK OR WATER TO DRINK.
GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Poin
t Method:TCC
Flash Point:NONE TO BOILING
Lower Limits:N/A.
Upper Limits:N/A.
Extinguishing Media:USE WATER FOG, FOAM, CARBON DIOXIDE OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL
FACE SHIELD. NOT COMBUSTIBLE. CONTAINERS CAN RUPTURE & EXPLODE
UNDER FIRE CONDITIONS DUE TO PRESSURE BUILD UP.
Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION OF MSDS.

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

Spill Release Procedur
es:ABSORB ON FIRE RETARDANT MATERIAL. PICK UP &
DISPOSE AT APPROPRIATE WASTE FACILITY I/A/W FEDERAL, STATE & LOCAL
REGULATIONS. REPORT SPILL TO APPROPRIATE AUTHORITIES.
Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:KEEP IN A COOL DRY PLACE.
Other Precautions:NONE

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

Respiratory Protection:NONE NEEDED UNDER NORMAL C
ONDITIONS.
Ventilation:MFR GAVE NO INFORMATION OF MSDS.
Protective Gloves:CHEMICAL RESISTANT GLOVES
Eye Protection:GOGGLES OR SAFETY GLASSES + FACE SHIELD
Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.
Work Hygienic Practices:KEEP CONTAINERS CLOSE WHEN NOT IN USE. DO NOT
STORE NEAR FOOD.
Supplemental Safety and Health
NONE

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

HCC:B1
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Tex

t:0F,-18C
Vapor Pres:17 MM
Spec Gravity:1.202
pH:12.5
Viscosity:14CPS
Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID, BLAND ODOR
Percent Volatiles by Volume:75

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

Stability Indicator/Materials to Avoid:YES
ACIDS, REDOX AGENTS.
Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.
Hazardous Decomposition Products:OXIDES OF SULFUR & NITROGEN

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Disposal Considerations =====

Waste Disposal Methods:PRODUCT IS SUITABLE FOR DISPOSAL BY AN APPROVED FACILITY OR CAN BE DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE SITE.

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