

DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO -- DREWGARD 315 CORROSION
INHIBITOR -- 6810-01-313-9540

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

Product ID:DREWGARD 315 CORROSION INHIBITOR

MSDS Date:12/22/1988

FSC:6810

NIIN:01-313-9540

MSDS Number: BHYPJ

=== Responsible Party ===

Company Name:DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO

Address:ONE DREW CHEMICAL PLAZA

City:BOONTON

State:NJ

ZIP:07005

Coun

try:US

Info Phone Num:201-263-7600

Emergency Phone Num:201-263-7600 & 606-324-1133

Preparer's Name:VIVIENE GAUDETTE

CAGE:52454

=== Contractor Identification ===

Company Name:DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO

Address:ONE DREW CHEMICAL PLAZA

Box:City:BOONTON

State:NJ

ZIP:07005

Country:US

Phone:606-324-1133

CAGE:52454

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

Ingred Name:SODIUM MOLYBDATE

CAS:7631-95-0

RTECS #:QA5075000

Fraction by Wt: 10-25%

Other REC Limits

:NONE SPECIFIED
OSHA PEL:5 MG/M3 CEILING
ACGIH TLV:5 MG/KG CEILING

Ingred Name:SODIUM HYDROXIDE (SARA III)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 10.0%
Other REC Limits:NONE SPECIFIED
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 TOLYLTRIAZOLE
CAS:64665-57-2
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

===== 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:ACUTE: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN.MAY CAUSE EYES AND SKIN BURNS.
Explanation of Carcinogenicity:DATA PER MSDS
Effects of Overexposure:IRRITATION/BURNS OF EYES,SKIN,RESPIRATORY OR G.I.TRACT;DAMAGE TO TISSUES,LUNGS AND MUCOUS MEMBRANES.
Medical Conditions Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOV

E CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CAN REACT WITH METALS LIKE AL,ZN,MG AND COPPER TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURE WITH AIR.

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

Spill Release Procedures:COVER SPILL WITH SOLID NEUTRALIZER OR ABSORBER. PUT NEUTRALIZED MATERIAL IN LINED DISPOSAL CONTAINER. FLUSH RESIDUE WITH WATER.

Neutralizing Agent:6M-HCL

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

Handling and

Storage Precautions:STORE IN A COOL, DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.KEEP FROM FREEZING.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED. ALWAYS USE NIOSH/MSHA APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.

===== Physical/

Chemical Properties =====

HCC:B1

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:17.5

Vapor Density: