

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

Country:US

Info Phone Num:201-263-7600

Emergency Phone Num:201-263-7

600 & 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 CEILI

NG

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 Cond 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:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND  
WATER. GET MEDIC

AL 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:SA

FETY 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: