

DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO -- PERFORMAX 401 CORROSION  
INHIBITOR -- 6810-01-313-9541

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

Product ID:PERFORMAX 401 CORROSION INHIBITOR

MSDS Date:12/22/1988

FSC:6810

NIIN:01-313-9541

MSDS Number: BHYMF

=== Responsible Party ===

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

Address:ONE DREW CHEMICAL PLAZA

City:BOONTON

State:NJ

ZIP:07005

Co

Country:US

Info Phone Num:201-263-7600

Emergency Phone Num:606-324-1133

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 HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 7%

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 MOLYBDATE(VI)  
CAS:7631-95-0  
RTECS #:QA5075000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 (MO)  
ACGIH TLV:5 MG/M3 (MO); 9091

Ingred Name:SODIUM TOLYLTRIAZOLE  
CAS:64665-57-2  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ORGANIC ACID (TYPE NOT SPECIFIED)  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:PHOSPHONIC ACID DERIVATIVE  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN BURNS.  
GASTROINTESTINAL & RESPIRATORY TRACT DAMAGE. CHRONIC: NONE  
SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of O  
verexposure:EYE, SKIN, GASTROINTESTINAL & RESPIRATORY TRACT  
IRRITATION AND BURNS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION.  
GET MEDICAL ATTENTION. EYES AND SKIN:IMMEDIATELY FLUSH WITH PLENTY  
OF WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. REMOVE CONTAMI

NATED

CLOTHING. GET IMMEDIATE MEDICAL ATTENTION. INGESTED:DO NOT INDUCE VOMITING. GIVE WATER TO DRINK IF CONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Autoignition Temp:Autoignition Temp Text:NONE

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/

Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

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

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. LARGE SPILL: EVACUATE AND VENTILATE AREA. DIKE TO RETAIN RUN OFF. VACUUM UP OR PUMP FREE LIQUID INTO DISPOSAL DRUM. ABSORB REMAINDER WITH INERT MATERIAL.

Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:KEEP FROM FREEZING. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES AS VAPOR, LIQUID, ETC.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR I

F VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDIT IONS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES & FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, BOOTS, AND APRON AS REQUIRED.

Work Hygienic Pract

ices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES.

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. KEEP WORK AREA CLEAN.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

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

HCC:B1

Boiling Pt:=100.C, 212.F

B.

P. Text:212F,100C

Vapor Pres:17.5

Spec Gravity:1.18-1.20

pH:13

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS TO HAZY YELLOW LIQUID

Percent Volatiles by Volume:70-85

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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