

ASHLAND CHEMICAL INC, DREW INDUSTRIAL DIVISION -- AMEROYAL EVAPORATOR TREATMENT  
-- 6850-00-173-7243

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

Product ID:AMEROYAL EVAPORATOR TREATMENT

MSDS Date:03/25/1993

FSC:6850

NIIN:00-173-7243

MSDS Number: BDFLN

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL INC, DREW INDUSTRIAL DIVISION

Address:ONE DREW CHEMICAL PLAZA

City:BOONTON

State:NJ

ZIP:07005

Country:

US

Info Phone Num:201-263-7600

Emergency Phone Num:606-324-1133; 800-274-5263

CAGE:DO048

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO., ASHLAND OIL DIV.

Address:P.O. BOX 2219

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Phone:606-324-1133

CAGE:DO048

Company Name:DREW CHEMICAL CORP

Address:ONE DREW CHEMICAL PLAZA

Box:City:BOONTON

State:NJ

ZIP:07005

Country:US

Phone:201-263-7600

CAGE:5B165

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

Ingred Name:POTASSI

UM POLYMALEATE  
CAS:129551-35-9  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: CAN CAUSE IRRITATION.  
SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION,  
DEFATTING, DERMATITIS. INHALATION: MIST CAN CAUSE IRRITATION OF  
NASAL & RESPIRATORY PASSAGES. INGESTION: MAY CAUSE  
GASTROINTESTINAL IRRITATION.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: THOROUGHLY WASH AREA W/ SOAP & WATER; REMOVE CONTAMINATED CLOTHING;  
WASH CLOTHING BEFORE REUSING. EYES: FLUSH W/ LG AMT OF WATER FOR AT  
LEAST 15 MIN, LIFTING LIDS. CONTINUE FLUSHING  
UNTIL MD ARRIVES.  
INHAL: REMOVE TO FRESH AIR. INGEST: IMMEDIATELY DRINK 2 GLASSES OF  
WATER. INDUCE VOMIT BY EITHER GIVING IPECAC SYRUP/PLACING FINGER AT  
BACK OF THROAT. GET MED ATTENTION IMMEDIATELY. DO NOT GIVE ANYTHING BY MOUTH  
TO UNCONSCIOUS PERSON.

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

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT . WATER MAY BE USED TO KEEP FIRE-EXPOSED  
CONTAINERS COOL UNTIL FIRE IS OUT.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR  
ABSORB/OTHER ABSORB MATERIAL. LARGE SPILL: PERSONS NOT WEARING PROTECTIVE EQUIPMENT  
SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP COMPLETED.  
STOP SPILL AT SOURCE. DIKE AREA OF SPILL TO PREVENT SPREADING. PUMP  
(SUPPLEMENTARY DATA)  
Neutralizing Agent:NONE SPECIFIED

BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATRL MAY BE  
HAZARDOUS WHEN EMPTIED.SINCE EMPTIED CONTAINERS RETAIN PRODUCT  
RESIDUES,ALL HAZ PRECAUTIONS ON THIS MSDS APPLY.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF WORKPLACE EXPOS LIM(S) OF PROD/ANY COMPONENT  
EXCEEDED, NIOSH/MSHA APPRVD AIR  
SUPPLIED RESP ADVISED IN ABSENCE OF  
PROPER ENVIRON CTL. OSHA REGS PERMIT OTHER NIOSH/MSHA RESPS (NEG  
PRESS TYPE) UNDER S PECIFIED CNDTNS (SEE SFTY EQUIP (SUPDAT)  
Ventilation:MECH (GENERAL &/OR LOCAL EXHAUST TO MAINTAIN EXPOS BELOW  
TLV  
Protective Gloves:PVC,NEOPRN,RUBB  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
PH: 11-13.5. SPILL PROC:  
LIQ TO SALVAGE TANK; REMAINING LIQ MAY BE  
TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORB/OTHER ABSORB MATL &  
SHOVELED INTO CNTNRS. RESP PROT: SUPPLIER). ENGINEERING/ADMIN  
CONTROL S SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

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

HCC:N1  
Boiling Pt:B.P. Text:212F,100C  
Vapor Pres:17.5  
Vapor Density:HVR/AIR  
Spec Gravity:1.015  
pH:SUPDAT  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:MISCIBLE  
Appearance

and Odor: CLEAR TO SLIGHTLY HAZY YELLOW TO AMBER LIQUID  
Percent Volatiles by Volume: 85-100

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: MAY FORM TOXIC MATERIALS, CARBON  
DIOXIDE & CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods: DISPOS

E IAW FEDERAL, STATE & LOCAL REGULATIONS.

CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IF IAW  
LOCAL, STATE & FED CODES.

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