

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:POTASS

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

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Hazards Identification
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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.

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First Aid Measures
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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 MEDICAL ATTENTION IMMEDIATELY. DO NOT GIVE ANYTHING BY MOUTH
TO UNCONSCIOUS PERSON.

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Fire Fighting Measures
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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.

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Accidental Release Measures
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Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR
ABSORB/OTHER ABSORBENT 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
(SUPPORT DATA)
Neutralizing Agent:NONE SPECIFIED

D BY MANUFACTURER.

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===== 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.

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===== 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.

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===== 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: DISPO

SE IAW FEDERAL, STATE & LOCAL REGULATIONS.

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

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