

CIBA-GEIGY CORP -- EPOCAST HARDENER 9223, FPC5015 PART B -- 8030-01-157-9312

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Product Identification  
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Product ID:EPOCAST HARDENER 9223, FPC5015 PART B

MSDS Date:03/09/1990

FSC:8030

NIIN:01-157-9312

MSDS Number: BWPFL

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP

Address:5121 SAN FERNANDO RD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Country:US

Info Phone Num:818-247-6210; 800-888

-8372

Emergency Phone Num:818-247-6210; 800-888-8372

CAGE:0267X

=== Contractor Identification ===

Company Name:CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE  
POLYMERS

Address:5121 SAN FERNANDO RD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Phone:818-247-6210/800-873-1138

CAGE:99384

Company Name:CIBA-GEIGY CORP

Address:4917 DAWN AVE

Box:18300

City:EAST LANSING

State:MI

ZIP:48823-5605

Country:US

Phone:517-351-5900

CAGE:0267X

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Composition/Information on Ingre

dients =====

Ingred Name:DIETHYLENETRIAMINE; (1,2-ETHANEDIMINE, N-(2-AMINOETHYL)

LD50: (ORAL, RAT) > 2,330 MG/KG

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 45%

OSHA PEL:1 PPM

ACGIH TLV:1 PPM, S

Ingred Name:REACTION PRODUCTS OF AROMATIC AMINE, DIMETHYLAMINOMETHYL  
PHENOLS AND FORMALDEHYDE

Fraction by Wt: 55%

OSHA PEL:N/K

ACGIH TLV:N/K

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

LD50 LC50 Mixture:SEE INGREDIENT 1

Routes of Entry: Inhalation:YES

Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: VAPOR OR MIST WILL

SEVERELY IRRITATE THE NOSE AND THROAT. EYES: CORROSIVE TO EYES;  
CAUSES PERMANENT, IRREVERSIBLE EYE INJURY. SKIN: CORROSIVE TO SKIN;  
CAUSES BURNS. INGESTION: SUBSTANCE WILL CAUSE BURNING AND SWELLING  
OF THE MOUTH, THROAT AND ABDOMEN. DELAYED EFFECTS: PROLONGED OR  
REPEATED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effe

cts of Overexposure:HLTH HAZ: EXPOSURE CAN CAUSE LIVER AND KIDNEY  
DAMAGE. ALSO, REPEATED EXPOSURE CAN CAUSE ALLERGIC REACTION.

Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA, EYE OR RESPIRATORY  
CONDITIONS.

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

First Aid:INHAL:MOVE TO FRESH AIR. GIVE ARTF RESP IF BRTHG HAS STOPPED.

EYES:FLUSH W/LG AMT OF WATER FOR @ LEAST 15 MIN. GET PROMPT MED  
ATTN. SKIN:WASH THORO W/SOAP & WATER. REMOVE & WASH CLTHG BEFORE

REUSE. IN GEST:IF SWALLOWED DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE MD. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. NOTE TO MD:ALLERGIC DERM/RESP RESPONSE IN SUSCEPTIBLE INDIVIDUALS MAY BE (SUPDAT)

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Fire Fighting Measures  
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Flash Point Method:PMCC

Flash Point:>210F,>99C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

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Accidental Release Measures  
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Spill Release Procedures:EVACUATE SPILL AREA. WEAR FULL PROT EQUIP. (ACID RESISTANT CLTHG, GLOVES & BOOTS, CHEM SPLASH GOGGS & FSHLD.) DIKE & ABSORB SPILL W/INERT MATL. TRANSFER TO CNTNRS SUITABLE FOR DISP. REMOVE CONTAMD CLT HG PROMPTLY & WASH AFFECTED SKIN AREAS (SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:MAX STOR TEMP 350C. STORE AWAY FROM EXCESS HEAT (E.G. STEAMPIPES, RADIATORS), SOURCES OF IGNIT & REACTIVE MATLS. DO NOT STORE NEAR FOOD OR FEED.

Other Precautions:CORROSIVE TO COPPER AND BRASS ON LONG TERM STORAGE. CORROSIVE MATERIAL!! AVOID ALL EYE AND SKIN CONTACT. PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR SUITABLE RESPIRATOR (NIOSH/MSHA APPROVED) WHERE EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:MECHANICAL LOCAL EXHAUST VENTILATION AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPRVD CHEM WORK GOGGS & (SUPDAT)

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER AND EYEWASH FACILITY.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
FIRST AID PROC:DELAY

ED. IT MAY APPEAR AFTER WKS/EVEN MONTHS OF FREQUENT  
& PRLNG CNTCT. SPILL PROC:W/SOAP & WATER. THORO LAUNDER CLTHG  
BEFORE REUSE. KEEP SPILLS & CLEANING RUNOFFS OUT OF MUNICIPAL SEWE  
RS & OPEN BODIES OF WATER. IF SPILL ON POROUS SURF, GROUND CONTAM  
MUST BE CONSIDERED. EYE PROT: FULL LENGTH FSHLD

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

Vapor Pres: