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

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

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

====== 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

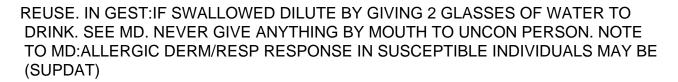
SEVERELY IRRITATE THE NOSE AND THROAT. EYES: CORROSIVE TO EYES; CAUSES PERMANENT, IRREVERSIBLE EYE INJURY. SKIN: CORROSIVE TO SKIN; CAUSES BURNS. INGESTION: SUBSTANCE WI LL CAUSE BURNING AND SWELLING OF THE MOUTH, THROAT AND ABDOMEN. DELAYED EFFECTS: PROLONGED OR REPEATED (EFTS OF OVEREXP)

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: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



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.

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

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.

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

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.

====== Exposure Controls/Personal Protectio

n ========

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

& PRLNG CNTCT. SPILL PROC:W/SOAP & WATER. THORO LAUNDER CLTHG BEFORE REUSE. KEEP SPILLS & CLEANING RUNOFFS OUT OF MUNICIPAL SEVEN AND ADDRESS OF MATERIAL SPILLS OF MATERIALS OF MATERIALS OF MATERIALS OF MATERIALS OF MA	
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RS & OPEN BODIES OF WATER. IF SPILL ON POROUS SURF, GROUND CONTA	Μ
MUST BE CONSIDERED. EYE PROT: FULL LENGTH FSHLD	

	Physical/Chemical	<b>Properties</b>	
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Vapor Pres: