

CIBA-GEIGY CORP FURANE PRODUCTS DIV -- FPC2187 EPOCAST 1843 B TYPE 4 GRADE A --  
8030-00-469-5736

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

Product ID:FPC2187 EPOCAST 1843 B TYPE 4 GRADE A

MSDS Date:09/13/1994

FSC:8030

NIIN:00-469-5736

MSDS Number: BYNYM

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP FURANE PRODUCTS DIV

Address:5121 SAN FERNANDO RD W

City:LOS ANGELES

State:CA

ZIP:90039-1011

Count

ry:US

Info Phone Num:818-247-6210

Emergency Phone Num:818-247-6210

Preparer's Name:RAJESH S PATEL

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 Ingredients  
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Ingred Name:TRIEthyLENETETRAMINE, EPOXY HARDNER

CAS:112-24-3

RTECS #:YE6650000

Ingred Name:1,3-BENZENEDIAMINE; (M-PHENYLENE DIAMINE)

(IARC CARCINOGEN GROUP 3) \* 95-4 \*

CAS:108-45-2

RTECS #:SS7700000

ACGIH TLV:0.1 MG/CUM IC

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

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Hazards Identification  
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LD50 LC50 Mixture:ORAL

LD50(RATS): 650 MG/KG (SEE SUPP)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: SEVERE IRRITATION TO THE

NOSE & THROAT. EYES: CORROSIVE, CAUSES PERMANENT, IRREVERSIBLE

INJURY. SKIN: CORROSIVE, CAUSES BURNS. INGESTION: WILL CAUSE

BURNING OF THE MOUTH, THROAT & ABDOMEN. OVEREXPOSURE CAN CAUSE

LIVER & KIDNEY DAMAGE, ALLERGIC REACTION TO SKIN & LUNGS. MAY CAUSE

FETAL T

OXICITY.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:IRRITATION, DROWSINESS, HEADACHE, NAUSEA,

DIZZINESS, STUPOR, WEAKNESS, BURNS, SWELLING

Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA, EYE/RESPIRATORY

CONDITIONS.

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First Aid Measures  
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First Aid:INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. EYES:

FLUSH W/LARGE AMOUNT OF WATER FOR 15 MINS. SKIN: WASH THOROUGHLY

W/SOAP & WATER. INGESTION: DI

LUTE W/2 GLASSES OF WATER TO DRINK.

NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL

ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: ALLERGIC

DERMATITIS/RESPIRATORY RESPONSE IN SUSCEPTIBLE INDIVIDUALS MAY BE

DELAYED, AFTER WEEKS/MONTHS.

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Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:>201.2F

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER

Fire Fighting Procedures:WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED,

P

RESSURE DEMAND, SELF CONTAINED/EQUIVALENT) & FULL PROTECTIVE GEAR.  
DON'T USE A SOLID STREAM OF WATER. (SEE SUPP)  
Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY  
BE TOXIC.

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

Spill Release Procedures:EVACUATE AREA & WEAR PROTECTIVE EQUIPMENT.  
DIKE & ABSORB W/INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR  
DISPOSAL. KEEP MATERIAL & CLEANING RUNOFFS OUT O MUNICIPAL SEWERS &  
OPEN BODIES O  
F WATER. IF ON POROUS SURFACE, GROUND CONTAMINATION.

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

Handling and Storage Precautions:STORE AWAY FROM EXCESSIVE HEAT,  
IGNITION SOURCES & FROM REACTIVE MATERIALS. DON'T STORE NEAR  
FOOD/FEED. PLEASE READ TECHNICAL DATA BEFORE HANDLING.  
Other Precautions:MAXIMUM STORAGE TEMPERATURE: 95F. AVOID ALL EYE &  
SKIN CONTACT. CORROSIVE TO COPPER & BRASS ON LONG TERM STORAGE.

===== Exposure Controls/Personal Protecti  
on =====

Respiratory Protection:WEAR RESPIRATOR (MSHA/NIOSH) SUITABLE FOR  
CONCENTRATIONS & TYPES OF AIR CONTAMINANTS ENCOUNTERED.  
Ventilation:MECHANICAL LOCAL EXHAUST AT POINT OF CONTAMINANT RELEASE.  
Protective Gloves:IMPERVIOUS  
Eye Protection:CHEMICAL SPLASH GOGGLES (ANSI Z-87.1)  
Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER, EYEWASH  
FACILITY.  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.  
Supplemental Safety and Health  
FIRE PROC  
CONT'D: A SOLID STREAM OF WATER CAN SPREAD FIRE. STAY UPWIND  
& AVOID SMOKE & FUMES. USE OF WATER SPRAY TO COOL CONTAINERS.

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

Vapor Pres: