

CIBA-GEIGY CORPORATION FURANE PRODUCTS -- EPOCAST 1843 B TY-4 GRADE-B FPC2187 --
8030-00-469-5736

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Product Identification
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Product ID:EPOCAST 1843 B TY-4 GRADE-B FPC2187

MSDS Date:10/27/1989

FSC:8030

NIIN:00-469-5736

MSDS Number: BDZMZ

=== Responsible Party ===

Company Name:CIBA-GEIGY CORPORATION FURANE PRODUCTS

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Inf

o Phone Num:(818) 247-6210

Emergency Phone Num:(818) 247-6210

Preparer's Name:RAJESH S. PATEL

CAGE:99384

=== 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

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Composition/Information on Ingredients
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Ingred Name:DIETHYLENE TRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 5

0%

Other REC Limits:4 MG/CUM

OSHA PEL:1 PPM

ACGIH TLV:S, 1 PPM; 9192

Ingred Name:ISOMERIC MIXTURE OF TETRAMINO DIPHENYLENE METHANES

Fraction by Wt: 35%

Ingred Name:BIS(DIMETHYL AMINOETHYL)BIS-(HYDROXYPHENYL) METHANES

Fraction by Wt: 15%

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

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

Health Hazards Acute and Chronic:INHALATION: IRRITATION TO THE
NOSE/THROAT.

EYES: CORROSIVE, PERMANENT, IRREVERSIBLE INJURY. SKIN:
CORROSIVE, BURNS, & ALLERGIC REACTION. INGESTION: BURNING, SWELLING
OF THE MOUTH, THROAT & ABDOMEN. INGESTION: LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: IRRITATION TO NOSE/THROAT. EYES:
CORROSIVE, PERMANENT, IRREVERSIBLE INJURY. SKIN: CORROSIVE, BURNS,
& ALLERGIC REACTION. INGESTION: BURNING, SWELLING OF THE MOUTH,
THROAT & ABDOMEN.

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

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

First Aid:INHALATION: MOVE SUBJECT TO FRESH AIR. GIVE ARTIFICIAL
RESPIRATION IF BREATHING HAS STOPPED. EYES/SKIN: FLUSH W/LARGE
AMOUNT OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP
& WATER. INGESTION: DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:PMCC

Flash Point:>94F

Extinguishing Media:CO2, DRY CHEMICAL, WATER SPRAY

Fire Fighting Procedures:WEAR BREATHING APPARATUS
(MSHA/NIOSH-APPROVED, PRESSURE DEMAND, SELF-CONTAINED OR
EQUIVALENT,) FULL PROTECTIVE GEAR

Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY
BE TOXIC. CORROSIVE LIQUID.

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

Spill Release Pr

cedures:EVACUATE THE SPILL AREA. DIKE/ABSORB SPILL
W/INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR DISPOSAL.
KEEP SPILLS/CLEANING RUNOFFS OUT OF SEWERS/OPEN BODIES OF WATER. IF
SPILLED ON A POROUS SURFACE, GROUND CONTAMINATION MUST BE
CONSIDERED.

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

Handling and Storage Precautions:STORE AWAY FROM EXCESSIVE HEAT,
STEAMPIPES, RADIATORS FROM SOURCES OF IGNITION & FROM REACTIVE
MATERIALS. DON'T STORE

NEAR FOOD OR FEED.

Other Precautions:CORROSIVE TO COPPER & BRASS ON LONG TERM STORAGE.
CORROSIVE MATERIAL. AVOID CONTACT W/SKIN, & EYES.

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

Respiratory Protection:WEAR SUITABLE RESPIRATOR (MSHA/NIOSH APPROVED EQUIVALENT) WHERE TLV ARE EXCEEDED.

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

Protective Gloves:IMPERVIOUS, PLASTIC

Eye Protection:CHEMICAL SPLASH GOGGLES, FACESHIELD

Other

Protective Equipment:ACID RESISTANCE CLOTHING, BOOTS, SAFETY SHOWER & EYEWASH FACILITY.

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F6

Vapor Pres: