

CIBA-GEIGY CORP FURANE PRODUCTS -- EPOCAST 9B -- 8040-01-136-8518

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

Product ID:EPOCAST 9B

MSDS Date:03/22/1990

FSC:8040

NIIN:01-136-8518

Kit Part:Y

MSDS Number: BJFRZ

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP FURANE PRODUCTS

Address:5121 SAN FERNANDO RD W

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-247-6210

Emergency Phone Nu

m: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 Ingredients =====

Ingred Name:FAT

TY ACID, C18-UNSATD., DIMERS, POLYMERS WITH OLEIC ACID  
AND TRIETHYLENETETRAMINE

CAS:68154-62-1

Fraction by Wt: 65%

Ingred Name:2,4,6-TRIS(DIMETHYLAMINOMETHYL)-PHENOL

CAS:90-72-2

RTECS #:SN3500000

Fraction by Wt: 20%

Ingred Name:FATTY ACID, C18-UNSATD., DIMERS, REACTION PRODUCTS WITH  
POLYETHYLENEPOLYAMINES

CAS:68410-23-1

Fraction by Wt: 5%

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 10%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

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Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INHALE:VAPOR/MISTS MAY POSS BE HARMFUL  
IF INHLD.EYE:SEVERELY IRRIT TO EYES,POSS EYE DAMAGE.SKIN:SEVERELY  
IRRIT TO SKIN.INGEST:POSS HARMFUL IF SWALLOWED.PRLNGD EXPOS CAN  
CAUSE ALLERGIC REACTION & MAY C AUSE BLOOD CHNGS.(SEE SIGNS &  
SYMPTOMS).

Exp

lanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:CAN CAUSE ALLERGIC REACTION AND MAY CAUSE BLOOD  
TO APPEAR IN URINE. HLTH HAZ(CONT):NIOSH STUDIES INDICATE 2-BUTOXY  
ETHANOL HAS CAUSED REPRODUCTIVE DISORDERS IN LAB  
ANIMALS(RATS/MICE)AND MAY HAVE POTEN TIAL FOR CAUSING SIMILAR  
DISORDERS IN HUMANS .

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

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

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First Aid: INHALE: MOVE TO FRESH AIR. EYE/SKIN: FLUSH EYES W/ LGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. GET MD. WASH SKIN THOROUGHLY W/ SOAP AND WATER. REMOVE AND WASH CLOTHING BEFORE REUSE. INGEST: IF SWALLOWED DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. GET MD. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method: TCC

Flash Point: >147F, >64C

Extinguishing Media: CO<sub>2</sub>, DRY CHEMICAL, FOAM, WATER SPRAY.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE GEAR.

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

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

Spill Release Procedures: WEAR PROTECTIVE CLOTHING TO AVOID EYE AND SKIN CONTACT. DIKE AND ABSORB SPILL ON INERT MATERIAL (SAND, EARTH). TRANSFER TO CONTAINERS FOR DISPOSAL. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS W/ SOAP & WATER.

Aftermath: WASH CLOTHING BEFORE REUSE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: MAXIMUM 35C. AVOID ALL SKIN CONTACT. MAY CAUSE ALLERGIC REACTION. WASH EXPOSED AREA THOROUGHLY W/ SOAP & WATER AFTER HANDLING. (SEE OTHER PRECAUTIONS)

Other Precautions: HANDLING/STORAGE: STORE AWAY FROM EXCESSIVE HEAT (STEAM PIPES, RADIATORS), FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS.

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

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR SUITABLE FOR CONCENTRATIONS AND TYPE OF AIR CONTAMINANTS ENCOUNTERED.

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

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEM SPLASH PROOF GOGGLES (ANSI Z-87.1)

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

Work Hygienic Practices: NONE SPECIFIED

FIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

Vapor Pres:1  
Spec Gravity:0.98  
Evaporation Rate & Reference: