

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

Num: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:

FATTY 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).

Explanation 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 =====

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 D ILUTE 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\*2, DRY CHEMICAL, FOAM, W  
ATER 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 CLTHNG TO AVOID EYE AND SKIN CONTACT. DIKE AND ABSORB SPILL ON INERT MATL (SAND,EARTH). TRANSFER TO CONTRS FOR DISPOSAL. REMOVE CONTAM CLTHNG AND WASH AFFECTED SKIN AREAS W/SOAP

& WATE R. 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:HNDLNG/STOR(CONT):STORE AWAY FROM EXCESSIVE HEAT (STEAMPIPES,RADIATORS), FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS.

===== 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 SP

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

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

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