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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 N um: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:FA

TTY 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

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).

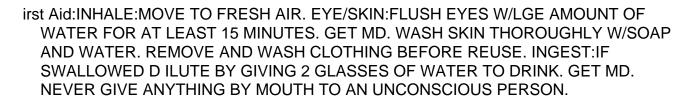
Ex

planation 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.

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

Flash Point Method:TCC Flash Point:>147F,>64C

Extinguishing Media: CO*2, DRY CHEMICAL, FOAM, WAT

ER 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 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 SPEC

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

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

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