

BETZ ENTEC INC -- ENTEC 369 -- 6850-01-112-1903

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Product Identification
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Product ID: ENTEC 369
MSDS Date: 02/16/1991
FSC: 6850
NIIN: 01-112-1903
MSDS Number: BTWFH
=== Responsible Party ===
Company Name: BETZ ENTEC INC
Address: 508 PRUDENTIAL RD
City: HORSHAM
State: PA
ZIP: 19044-2309
Country: US
Info Phone Num: 215-674-9200 / FAX 215-674-5067
Emergency Phone Num: 800-877-1940
CAGE: 57394
=== Contra
ctor Identification ===
Company Name: BETZDEARBORN INC.
Address: 4636 SOMERTON ROAD
City: TREVOSTOWN, PA
State: PA
ZIP: 19053
Country: US
Phone: 215-942-3355
CAGE: 57394

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Composition/Information on Ingredients
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Ingred Name: SODIUM DIMETHYLDITHIOCARBAMATE
CAS: 128-04-1
RTECS #: FD3500000
Other REC Limits: NONE RECOMMENDED

Ingred Name: ETHYLENEBIS(DITHIOCARBAMIC ACID) DISODIUM SALT (SARA III)
CAS: 142-59-6
Other REC Limits: NONE RECOMMENDED

Ingred Name: 2-IMIDAZOLIDINETHIONE (ETHYLENE TH

IOUREA) (SARA III)

CAS:96-45-7

RTECS #:NI9625000

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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===== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:ACUTE: INHALATION OF MISTS/AEROSOLS

MAY CAUSE RESPIRATORY IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. CHRONIC: NO EVIDENCE OF POTENTIAL CHRONIC E

FFETCS.

Explanation of Carcinogenicity:ETHYLENE THIOUREA IS LISTED AS A SUSPECT OR POSSIBLE CARCINOGEN BY NTP (AC) AND IARC (2B).

Effects of Overexposure:MAY CAUSE REDNESS OR ITCHING OF SKIN.

Medical Cond Aggravated by Exposure:NOT KNOWN.

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

First Aid:SKIN-REMOVE CLOTHING. WASH WITH SOAP & WATER SOLUTION. GET MEDICAL ATTENTION. EYES-IMMEDIATELY FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

INHALED-REMOVE TO FRESH

AIR. AP PLY NEEDED FIRST AID. GET IMMEDIATE MEDICAL ATTENTION.

INGESTED-IF CONSCIOUS, DILUTE STOMACH CONTENTS AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:>200F,>93C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Haza

rd:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:VENTILATE AREA. USE PROPER PROTETCIVE

EQUIUPENT. CONTAIN & ABSORB. PLACE IN WASTE DISPOSAL CONTAINER.

CONTAINED ABSORBENT SHOULD BE CONSIDERED A PESTICIDE & DISPOSED OF IN APPROVED PESTICIDE DISPOSAL SITE. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handlin

g and Storage Precautions:KEEP DRUMS AND PAILS CLOSED WHEN NOT IN USE. STORE AWAY FROM STRONG OXIDIZING AGENTS. ALKALINE, DO NOT MIX WITH ACIDIC MATERIAL.

Other Precautions:DISPOSAL- SARA 302:NONE; SARA 313:ETHYLENE THIOUREA; SARA 312: IMMEDIATE (ACUTE).

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

Respiratory Protection:USE PROTECTIVE EQUIPMENT IAW 29 CFR 1910.134. USE RESPIRATORS WITHIN LIMITATIONS OF USE OR ELSE SUPPLIED AIR RESPIRATORS OR SCBA.

Ventilation:ADEQUATE VENTILATION.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:DLA-HMIS: EYE WASH STATION & SAFETY SHOWER. CLOTHING TO PREVENT PROLONGED/REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

THIS PRODUCT CONTAINS THESE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR RE

PRODUCTIVE TOXICITY: ETHYLENE THIOUREA (96-45-7).

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

HCC:B3

Melt/Freeze Pt:M.P/F.P Text:12F,-11C

Vapor Pres:19 MM HG

Spec Gravity:1.15

pH:11.5

Viscosity:5 CPS

Evaporation Rate & Reference: