

OCE-BRUNING INC -- BRUNING PD ACTIVATOR -- 6750-00-481-3408

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

Product ID:BRUNING PD ACTIVATOR

MSDS Date:02/20/1995

FSC:6750

NIIN:00-481-3408

MSDS Number: BYHHY

=== Responsible Party ===

Company Name:OCE-BRUNING INC

Address:1800 BRUNING DRIVE WEST

City:ITASCA

State:IL

ZIP:60143

Country:US

Info Phone Num:708-351-7579

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:4

2815

=== Contractor Identification ===

Company Name:OCE-BRUNING INC

Address:1800 BRUNING DRIVE WEST

Box:City:ITASCA

State:IL

ZIP:60143

Country:US

Phone:800-424-9300 (CHEMTREC)

CAGE:42815

===== Composition/Information on Ingredients =====

Ingred Name:BENZYL ALCOHOL

CAS:100-51-6

RTECS #:DN3150000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 35%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:HEXYLENE GLYCOL

CAS:107-41-5

RTECS #:SA0810000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:OLEIC ACID

CAS:112-80-1

RTECS #:RG2275000

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHANOLAMINE

CAS:141-43-5

RTECS #:KJ5775000

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 PPM

ACGIH TLV:3 PPM

Ingred Name:2-(2-AMINOETHOXY)-ETHANOL

CAS:929-06-6

RTECS #:KJ6125000

Fraction by Wt:

20%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 3500 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: EYE-EXTREMELY IRRITATING.

SKIN-EXTREMELY IRRITATING & MAY CAUSE BURNS. INHALATION-MARKED

IRRITATION OF NOSE, THROAT & LUNGS. INGESTION-LOW ORAL TOXICITY.

CHRONIC: EYE-NONE KNOWN. S

KIN-DEFAT THE SKIN & CAUSE DERMATITIS.

INHALATION-NONE KNOWN. INGESTION-NONE KNOWN.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY NTP, IARC OR OSHA. AMES TEST OF THE MIXTURE WERE NEGATIVE.

Effects of Overexposure:EYE-CAUSES EYE IRRITATION. SKIN-MAY CAUSE ITCHING, IRRITATION. INHALATION-DRYNESS OF THE THROAT. INGESTION-CAUSES IRRITATION OF THE DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:NONE KNOWN.

===== First

Aid Measures =====

First Aid:EYE-SUMMON A PHYSICIAN AT ONCE & MEANWHILE IRRIGATE WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MIN. SKIN-WASH WITH SOAP AND WATER. INHALATION-REMOVE TO FRESH AIR. INGESTION-SEE A PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:233F,112C

Extinguishing Media:WATER, CARBON DIOXIDE, DRY POWDER.

Fire Fighting Procedures:FIREFIGHTERS SHOULD USE SELF-CONTAINED

BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:MOP OR FLUSH SPILL WITH WATER AND BLOT WITH TOWEL. USE PROTECTIVE GLOVES AND GOGGLES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT RUB EYES AFTER CONTACT WITH FLUID. AVOID PUNCTURING CONTAINERS.

Other Precautions:WHEN

REPAIRING OR SERVICING EQUIPMENT, USE THE SAME

PRECAUTIONS FOR HANDLING CONTAMINATED PARTS AS RECOMMENDED FOR THE FLUID.

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

Respiratory Protection:NOT REQUIRED UNLESS FIGHTING FIRE.

Ventilation:SUFFICIENT VENTILATION IS NEEDED TO PREVENT ODORS & TO

HANDLE THE HEAT PRODUCED BY THE PD COPY MACHINE USED. MECHANICAL.

Protective Gloves:RUBBER OR POLYETHYLENE RECOMMENDED.

Eye Protection:SAFETY GLASSES OR GOGGLES RECOMMENDE

D.

Other Protective Equipment:NOT REQUIRED.

Work Hygienic Practices:WASH HANDS AFTER CONTACT WITH FLUID.

Supplemental Safety and Health

DOT HAZARD: NONE.

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

HCC:V5

Boiling Pt:B.P. Text:216-650F

Vapor Pres: