

## **DE-87**

### **MSDS Number**

BVDBY

### **National Stock Number**

7930-00N049582

### **Product Name**

DE-87

### **Manufacturer**

OXFORD CHEMICALS INC

### **Product Identification**

Product ID:DE-87

MSDS Date:11/13/1986

FSC:7930

NIIN:00N049582

MSDS Number: BVDBY

### **Responsible Party**

OXFORD CHEMICALS INC

ATLANTA , GA 30366

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 404-452-1100

Cage: 06645

### **Contractor**

OXFORD CHEMICALS INC

ATLANTA, GA 30366

US

404-452-1100

Cage: 06645

### **Ingredients**

MINERAL SPIRITS; (ALIPHATIC HYDROCARBON)

CAS: 64742-88-7

Fraction By Weight: 56%

OSHA PELN/K

ACGIH TLV: N/K

ETHYLENE, TETRACHLORO-; (PERCHLOROETHYLENE)

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: 30%

OSHA PEL100 PPM

ACGIH TLV: 25PPM;100 STEL

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

METHANE, DICHLORO-; (METHYLENE CHLORIDE)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 50%

OSHA PEL500 PPM

ACGIH TLV: 50 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:HARMFUL/FATAL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. CHLOROCARBON MATERIALS HAVE PRODUCED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETIC S (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR (EFTS OF OVEREXP)

Explanation of Carcinogenicity:PERCHLOROETHYLENE: IARC MONO, SUPP, VOL 7, PG 355, 1987: GRP 2B. NTP 6TH ANNUAL REPORT ON CARCINS, 1991: ANTIC (SUPDAT)

Effects of Overexposure:HLTH HAZ: CHRONICALLY EXPOSED TO CHLOROCARBONS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH IMMED WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL PHYSICIAN. SKIN:WASH WITH SOAP AND WATER. INGEST: DO NOT INDUCE VOMIT. GIVE A GLASS OF WATER. DO NOT GIVE LRAGE AMOUN TS OF WATER AS THIS MAY CAUSE VOMIT. CALL PHYS. INHAL: REMOVE TO FRESH AIR. CAN CAUSE IRRIT & CNS DEPRESSION.

## Fire Fighting

Flash Point Method:COC

Flash Point:162F,72C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL.

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

Unusual Fire/Explosion Hazard:USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE .

## Accidental Release

Spill Release Procedures:DIKE SPILLS, TRANSFER TO CLOSED METAL CONTAINER. DISPOSE IN APPROVED LANDFILL. REMAINING LIQUID SHOULD BE ABSORBED WITH DIRT/VERMICULITE. DISPOSE IN APPROVED CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN COOL, DRY AREA, TIGHTLY CLOSED, AWAY FROM OXIDANTS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT &/OR UV RADIATION MAY CAUSE FORMATION OF HCL AND/OR PHOSGENE .

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED EXHAUST FAN RECOMMENDED. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN

Ventilation:LOCAL EXHAUST.  
Protective Gloves:RUBBER.  
Eye Protection:ANSI APPROVED SAFETY GLASSES .  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
PH: (1%SOLN): 7. SOL IN H\*2O: COMPLETE (FORMS EMULSION). EXPLAN OF  
CARCIN: TO BE CARCIN. ANIMAL: LIVER TUMORS. METHYLENE CHLORIDE:  
IARC MONO SUPP, VOL 7, PG 194, 1987: GRP 2B. NTP 6TH ANNUAL REPORT  
ON CARCIN, 1991: ANTIC TO BE CARCIN. ANIMAL: LUNG, LIV, SALIVARY,  
MAMMARY GLAND (TUMORS).

## Chemical Properties

Boiling Pt:B.P. Text:>110F,>43C  
Vapor Pres:19.40@20C  
Vapor Density:3.7  
Spec Gravity:0.930(H\*2O=1)  
pH:SUPDAT  
Solubility in Water:SUPP DATA  
Appearance and Odor:CLEAR, COLORLESS, LOW VISCOSITY LIQUID WITH BANANA  
SOLVENT ODOR  
Percent Volatiles by Volume:95

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDANTS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,  
HYDROGEN CHLORIDE, AND SOME PHOSGENE.

## Disposal

Waste Disposal Methods:TRIPLE RINSE CONTAINER W/COLD WATER, THEN  
DISPOSE OF I/A/W FEDERAL, STATE AND LOCAL REGULATIONS.

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