

ORTHO-DICHLOROBENZENE REFINED

MSDS Number

BBFTT

National Stock Number

6810-00F000069

Product Name

ORTHO-DICHLOROBENZENE REFINED

Manufacturer

DOW CHEMICAL U S A

Product Identification

Product ID:ORTHO-DICHLOROBENZENE REFINED

MSDS Date:05/21/1979

FSC:6810

NIIN:00F000069

MSDS Number: BBFTT

Responsible Party

DOW CHEMICAL U S A

2030 DOW CTR

MIDLAND , MI 48674

US

Emergency Phone: 517-636-4400

Info Phone: 517-636-4400

Cage: 71983

Contractor

DOW CHEMICAL U.S.A.

MIDLAND, MI 48674

US

517-636-4400

Cage: 71983

Ingredients

O-DICHLOROBENZENE, 1,2-DICHLOROBENZENE (ORTHO)

CAS: 95-50-1

RTECS: CZ4500000

Fraction By Weight: 98%

OSHA PELC 50 PPM

ACGIH TLV: S, 25PPM/50 STEL9394

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

P-DICHLOROBENZENE, 1,4-DICHLOROBENZENE (PARA); BENZENE,

CAS: 106-46-7

RTECS: CZ4550000

Fraction By Weight: 2%

OSHA PEL75 PPM

ACGIH TLV: 10 PPM,A3 9394

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:LD50 ORAL (RAT): 500 MG/KG

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

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

Health Hazards Acute and Chronic:EYES: PAIN, SLIGHT IRRITATION. SKIN: BURNING SENSATION. MODERATE IRRITATION. ABSORPTION BUT HAS LOW DEGREE OF TOXICITY. INHALATION: RESPIRATORY PASSAGES IRRITATION, CNS DEPRESSION, POSSIBLE LIVER & KI DNEY INJURY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN ABSORPTION: TOXIC UPON EXCESSIVE & SEVERE EXPOSURE.

First Aid

First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. INHALATION: REMOVE TO FRESH AIR. IF RESPIRATION STOPS GIVE MOUTH-TO-MOUTH RESUSCITATION. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: EYES: STAIN FOR EVIDENCE OF CORNEAL INJURY. SKIN: TREAT AS ANY CONTACT DERMATITIS. INHALATION: BRONCHODILATORS, EXPECTORANTS & ANTITUSSIVES MAY HELP. SEE SUPP.

Fire Fighting

Flash Point Method:TCC

Flash Point:160F

Lower Limits:2.2%

Upper Limits:9.2%

Extinguishing Media:WATER FOG, FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

Accidental Release

Spill Release Procedures:CONTAIN SPILL. PUMP LARGE AMOUNT INTO CONTAINERS. COVER RESIDUE AND SMALL SPILLS W/ABSORBENT MATERIAL AND SCOOP INTO DRUMS.

Handling

Other Precautions:AVOID SKIN & EYE CONTACT & THE INHALATION OF VAPORS.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR. FOR EMERGENCIES, USE A SELF CONTAINED BREATHING APPARATUS OR A FULL FACE RESPIRATOR AS APPROVED BY NIOSH.

Ventilation:RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES W/OUT SIDE SHIELDS

Other Protective Equipment:CLEAN, BODY COVERING CLOTHING

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DESTROY CONTAMINATED SHOES.

Supplemental Safety and Health

CON'T: INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNGS.

DANGER OF CHEMICAL PNEUMONIA MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING THE STOMACH. IF LAVAGE IS PERFORMED SUGGEST ENDOTRACHEAL &/OR ESOPHAGOSCOPIC CONTROL. NO SPECIFIC ANTIDOTE.

PRODUCT DISCONTINUED IN 1984.

Chemical Properties

Boiling Pt:B.P. Text:356F/108C

Vapor Pres:1.2

Vapor Density:5.1

Spec Gravity:1.303

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, CHARACTERISTIC LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES

ALUMINUM AND ALUMINUM ALLOYS

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND CHLORINE

Disposal

Waste Disposal Methods:BURN ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS OR CALL THE DOW CHEMICAL COMPANY FOR INSTRUCTIONS.

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