

O-641 1,2-DIBROMOETHANE

MSDS Number

BWJHG

National Stock Number

6550-00F037534

Product Name

O-641 1,2-DIBROMOETHANE

Manufacturer

CHEM SERVICE INC

Product Identification

Product ID:O-641 1,2-DIBROMOETHANE

MSDS Date:12/23/1992

FSC:6550

NIIN:00F037534

MSDS Number: BWJHG

Responsible Party

CHEM SERVICE INC

660 TOWER LN

WEST CHESTER , PA 19381-3108

US

Emergency Phone: 215-692-3026/800-452-9994

Info Phone: 215-692-3026/800-452-9994

Cage: 84898

Contractor

CHEM SERVICE, INC

599

WEST CHESTER, PA 19301-9650

US

610-692-3026

Cage: 8Y898

Ingredients

DIBROMOETHANE, ETHYLENE DIBROMIDE, 1,2-DIBROMOETHANE

CAS: 106-93-4

RTECS: KH9275000

OSHA PEL20 PPM

ACGIH TLV: A2 CARCINOGEN

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT/MOUSE): 108 MG/KG

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

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

Health Hazards Acute and Chronic:INHALATION: MAY BE HARMFUL, CAN CAUSE

ALLERGIC RESPIRATORY REACTION. SKIN: MAY BE HARMFUL IF ABSORBED,

CAN CAUSE IRRITATION, ALLERGIC REACTION. EYES: IRRITATION.

INGESTION: MAY BE HARMFUL.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:IRRITATION.

First Aid

First Aid:EYES: FLUSH CONTINUOUSLY W/WATER FOR 15-20 MINS. SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NOT BURNED, WASH W/SOAP & WATER TO CLEANSE. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED & CONTINUE UNTIL MEDICAL ASSISTANCE ARRIVES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:CO2, DRY CHEMICAL POWDER/SPRAY.

Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR APPROPRIATE OSHA REGULATED EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE/SIMILAR MATERIAL. SWEEP UP & PLACE IN APPROPRIATE CONTAINER/HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

Handling

Handling and Storage Precautions:STORE IN A COOL DRY PLACE ONLY W/COMPATIBLE CHEMICALS. KEEP TIGHTLY CLOSED. DON'T USE MAGNESIUM/ALUMINUM/THEIR ALLOYS AS CONTAINERS.

Other Precautions:AVOID CONTACT W/SKIN, EYES & CLOTHING. DON'T BREATHE VAPORS. CONTACT LENSES SHOULDN'T BE WORN IN THE LABORATORY. FOR LABORATORY USE ONLY. ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS. AVOID DIRECT PHYSICAL CONTACT.

Exposure Controls

Respiratory Protection:WEAR APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

Ventilation:CHEMICAL SHOULD BE HANDLED ONLY IN A HOOD.

Eye Protection:EYE SHIELDS

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:269.6F

Melt/Freeze Pt:M.P/F.P Text:50F

Vapor Pres:11

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS LIQUID W/ETHER LIKE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG BASES/OXIDIZING AGENTS, MAGNESIUM, ALUMINUM.

Hazardous Decomposition Products:TOXIC FUMES. DECOMPOSITION PRODUCTS ARE CORROSIVE.

Disposal

Waste Disposal Methods:BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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