

BRAKE FLUID (BF-470)

MSDS Number

BDHVK

National Stock Number

9150-00-190-0932

Product Name

BRAKE FLUID (BF-470)

Manufacturer

OLIN CORP

Product Identification

Product ID: BRAKE FLUID (BF-470)

MSDS Date: 11/05/1987

FSC: 9150

NIIN: 00-190-0932

MSDS Number: BDHVK

Responsible Party

OLIN CORPORATION

120 LONG RIDGE RD

STAMFORD , CT 06904

US

Emergency Phone: 800-654-6911

Info Phone: 203-356-3449

Preparer: OLIN MSDS CONTROL GROUP

Cage: 0G578

Contractor

OLIN CORPORATION

STAMFORD, CT 06904-1355

US

203-356-3449

Cage: 0G578

Ingredients

GLYCOL ETHER

GLYCOL - TYPE NOT SPECIFIED

Hazards

LD50 LC50 Mixture: LD50 (ORAL RAT) IS >5 G/KG

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

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

Health Hazards Acute and Chronic: MAY CAUSE SKIN, EYE AND MUCOUS MEMBRANE IRRITATION.

Explanation of Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure: SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: IMMEDIATELY DRINK WATER TO DILUTE.

Fire Fighting

Flash Point:240F,116C
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,ALCOHOL FOAM OR CO*2.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:NONE NOTED

Accidental Release

Spill Release Procedures:ISOLATE AREA OF SPILL BY DIKING. STOP SOURCE OF LEAK. TRANSFER CONTENTS TO NON-LEAKING CONTAINER OR STORAGE VESSEL. ADD DRY ABSORBENT, SHOVEL OR SWEEP UP. PLACE IN AN APPROPRIATE CONTAINER AND SEAL.
Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. STORAGE TANKS SHOULD BE ELECTRICALLY GROUNDED AND EQUIPPED WITH VENT AND FLAME ARRESTER.
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. AVOID CONTACT WITH OXIDIZING AGENTS.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.
Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Chemical Properties

HCC:V6
Boiling Pt:B.P. Text:460F,238C
Melt/Freeze Pt:M.P/F.P Text:<-60F,<-51C
Spec Gravity:1.08
pH:9.5
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR TO YELLOW LIQUID

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIS
Stability Condition to Avoid:EXCESS HEAT
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN

Disposal

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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