

OLIN CORPORATION -- BRAKE FLUID (BF-470) -- 9150-00-190-0932

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===== Product Identification =====  
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Product ID: BRAKE FLUID (BF-470)

MSDS Date: 11/05/1987

FSC: 9150

NIIN: 00-190-0932

MSDS Number: BDHVK

=== Responsible Party ===

Company Name: OLIN CORPORATION

Address: 120 LONG RIDGE RD

City: STAMFORD

State: CT

ZIP: 06904

Country: US

Info Phone Num: 203-356-3449

Emergency Phone Num: 800-654-6911

Preparer's Name: OL

IN MSDS CONTROL GROUP

CAGE: 0G578

=== Contractor Identification ===

Company Name: AMERICAN INK AND OIL CORP

Address: 33 ENDICOTT STREET

Box: City: NORWOOD

State: MA

ZIP: 02062-3006

Country: US

Phone: 781-762-0026 / FAX: 781-762-1617

CAGE: 82956

Company Name: OLIN CORP CHEMICALS GROUP

Address: 120 LONG RIDGE RD

City: STAMFORD

State: CT

ZIP: 06904

Country: US

Phone: 203-356-3449, CHEMTREC 800-242-9300

CAGE: 53084

Company Name: OLIN CORPORATION

Address: 120 LONG RIDGE ROAD

City: STAMFORD

State: CT

ZIP: 06904-1355

Country:

US  
Phone:203-356-3449  
CAGE:0G578

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Composition/Information on Ingredients  
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Ingred Name:GLYCOL ETHER  
Other REC Limits:NONE SPECIFIED

Ingred Name:GLYCOL - TYPE NOT SPECIFIED  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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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 CAUS

E 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.

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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  
CONT

AINERS WITH WATER SPRAY. CONTAIN RUNOFF.  
Unusual Fire/Explosion Hazard:NONE NOTED

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

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 and Storage =====

Handlin

g 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/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES B

ELOW 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.

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

HCC:V6

Boiling Pt:B.P. Text:460F,238C

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