

OLIN CORP CHEMICALS GROUP -- BF 470 NAPA DOT 3 BRAKE FLUID -- 9150-00-190-0932

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Product Identification
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Product ID:BF 470 NAPA DOT 3 BRAKE FLUID

MSDS Date:04/23/1991

FSC:9150

NIIN:00-190-0932

MSDS Number: CDFZD

=== Responsible Party ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Info Phone Num:203-356-3449

Emergency Phone

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

CAGE:53084

=== 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:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1

578

Country:US

Phone:414-255-5520

CAGE:050Q3

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

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===== Composition/Information on Ingredients =====

Ingred Name:OLIN ACCESS #82, GLYCOL ETHER

Other REC Limits:NONE RECOMMENDED

Ingred Name:OLIN ACCESS #1126, GLYCOL DERIVATIVE

Other REC Limits:NONE RECOMMENDED

Ingred Name:OLIN ACCESS #1127, GLYCOL DERIVATIVE

Other REC Limi

ts:NONE RECOMMENDED

Ingred Name:OLIN ACCESS #1128, GLYCOL ETHER,

Other REC Limits:NONE RECOMMENDED

Ingred Name:OLIN ACCESS #1129, INHIBITOR PACKAGE,

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

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

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

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

Health Hazards Acute and Chronic:DO NOT TAKE INTERNALLY. MAY CAUSE
MILD SKIN IRRITATION. M

AY CAUSE MILD EYE IRRITATION. MAY CAUSE MILD

MUCOUS MEMBRANE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL
DISCOMFORT.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, NAUSEA,
VOMITING, LETHARGY, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures

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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: IMMEDIATELY DRINK WATER TO DILUTE. CONSULT A PHYSICIAN IF SYMPTOMS DEVELOP.

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Fire Fighting Measures =====

Flash Point:
240F,116C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILLED MATERIAL. SPILL MATERIALS MAY BE ABSORBED USING SAND, CLAY OR COMMERCIAL ABSORBENT. DO NOT PLACE SPILL MATERIALS BACK IN THEIR ORIGINAL CONTAINER. DECONTAMINATE ALL CLOTHING AND SPILL AREA USING A DETERGENT AND FLUSH WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage =====

Handling and Storage Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. UPON CONTACT WITH SKIN OR EYES, WASH OFF WITH WATER. AVOID CONTACT WITH MOISTURE.
Other Precautions:DO NOT STORE AT TEMPERATURES ABOVE 49C. MILD STEEL CONTAINERS ARE SATISFACTORY FOR STORAGE.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS. IF VAPORS, MISTS OR AEROSOLS ARE GENERATED, WEAR A NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.
Protective Gloves:

IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Text:-60F,-51C

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.08

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:PALE YELLOW TO CLEAR BROWN LIQUID

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS.

Stability Condition to Avoid:EXCESSIVELY HIGH TEMPERATURES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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=== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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