

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- BRAKE FLUID DOT 3 -- 9150-01-102-9455
===== Product Identification =====

Product ID: BRAKE FLUID DOT 3

MSDS Date: 12/06/1990

FSC: 9150

NIIN: 01-102-9455

MSDS Number: CDQNG

=== Responsible Party ===

Company Name: ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address: 3849 FISHER RD

Box: 2219

City: COLUMBUS

State: OH

ZIP: 43228

Country: US

Info Phone Num: 614-790-3333

Emergency Phone Num: 800-274-5263

CAGE: 7L600

=== Contractor Identification ===

Company Name: ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address: 3849 FISHER RD

Box: 2219

City: COLUMBUS

State: OH

ZIP: 43216

Country: US

Phone: 614-790-3333 / 800-325-3751

CAGE: 7L600

Company Name: CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address: 2210 HACKBERRY LN

Box: 687

City: CONROE

State: TX

ZIP: 77305

Country: US

Phone: 409-756-1065

CAGE: 4N760

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

Ingred Name: T

DIETHYLENE GLYCOL MONOBUTYL ETHER (SARA III)

CAS:143-22-6

Fraction by Wt: 45-50%

Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER (SARA III)

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 20-25%

Other REC Limits:PEL= 35 PPM (MFG)

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

Fraction by Wt: 1-10%

Other REC Limits:50 PPM,8-HR TWA(MFG)

Ingred Name:DIETHYLENE GLYCOL MONOPROPYL ETHER (SARA III)

CAS:6881-94-3

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL MONOETHYL ETHER (SARA III)

CAS:111-90-0

RTECS #:KK8750000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:TRIETHYLENE GLYCOL MONOETHYL ETHER (SARA III)

CAS:112-50-5

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN:

PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION,
DEFATTING, DERMATITIS. INHALATION: NONE CURRENTLY KNOWN. INGESTION:
MAY CAUSE GASTROINTESTINAL IRRITATION . ORAL TOXICITY IS LOW.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING,
DERMATITIS. INHALATION: NONE CURRENTLY KNOWN. INGESTION:
GASTROINTESTINAL IRRITATION.

Medical Cond Aggravated b

y Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. INGESTION: DRINK 2 GLASSES OF WATER. INDUCE VOMITING. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:250F,121C

Extinguishing M

edia:ALCOHOL FOAM, WATER FOG, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND ENDANGER THE LIFE OF THE FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

Unusual Fire/Explosion Hazard:WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND ENDANGER THE LIFE OF THE FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

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Accidental Release Measures
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Spill Release Procedures:ABSORB SMALL SPILLS WITH ABSORBENT MATERIAL. DIKE LARGE SPILLS TO PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. PUMP LIQUID TO SALVAGE TANK. ABSORB RESIDUE WITH ABSORBENT. DEPOSITE WASTE IN PROPER CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN WELL VENTILATED AREA AWAY FROM IGNITION SOURCE AND STRONG OXIDIZING AGENTS. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, SOLID). NEVER USE WELDING OR CUTTING TORCH ON OR NEAR THESE CONTAINERS BECAUSE PRODUCT OR RESIDUE CAN IGNITE EXPLOSIVELY.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF

USE.

Ventilation:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

Protective Gloves:NOT REQUIRED UNDER NORMAL USE.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:V6

Boiling Pt:B.P. T

ext:401F,205C

Spec Gravity:1.036

Evaporation Rate & Reference: