

OCCIDENTAL CHEMICAL CORPORATION -- DOT 3 BRAKE FLUID -- 9150-00-231-9071

===== Product Identification =====

Product ID:DOT 3 BRAKE FLUID

MSDS Date:07/08/1994

FSC:9150

NIIN:00-231-9071

MSDS Number: CDJPK

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:CUSTOMER SERVICE, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Info Phone Num:214-404-3523/7

16-286-3081

Emergency Phone Num:800-733-3665/716-278-7021

CAGE:0AH54

=== 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:OCCIDENTAL CHEMICAL CO DIV OCCIDENTAL PETROLEUM

Address:CUSTOMER SERVICE, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Phone:716-278-7021

CAGE:4R332

Company Name:OCCIDENTAL CHEMICAL CORPORATI

ON
Address:5005 LYNDON B JOHNSON FWY
Box:City:DALLAS
State:TX
ZIP:75244-6198
Country:US
Phone:800-752-5151/972-404-3800
CAGE:0AH54

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

Ingred Name:GLYCOL ETHERS
Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHYLENE GLYCOL MONOMETHYL ETHER
CAS:112-35-6
RTECS #:KL6390000
Fraction by Wt: 5 - 30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHYLENE GLYCOL MONOETHYL ETHER
CAS:112-50-5
RTECS #:KK8950000
Fraction by Wt: 1 - 2
5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TETRAETHYLENE GLYCOL MONOBUTYL ETHER
CAS:1559-34-8
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYETHYLENE GLYCOL
CAS:25322-68-3
RTECS #:TQ3500000
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHOXPOLY(ETHYLENE GLYCOL)
CAS:9004-74-4
RTECS #:PE8263000
Fraction by Wt: 1.3-9.6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PENTAETHYLENE GLYCOL
CAS:4792-15-8
RTECS #:RZ2670000
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL M

ONOBUTYL ETHER
CAS:112-34-5
RTECS #:KJ9100000
Fraction by Wt: 0 - 7%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL
CAS:111-46-6
RTECS #:ID5950000
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL MONOMETHYL ETHER
CAS:111-77-3
RTECS #:KL6125000
Fraction by Wt: 0 - 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL MONOETHYL ETHER
CAS:111-90-0
RTECS #:KK8750000
Fraction by Wt: 0 - 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYETHYLENE GLYCOL MONOETHYL ETHER
CAS:27879-07-8
Other REC Limits:NONE RECOMMENDED

Ingred Name:TETRAETHYLENE GLYCOL
CAS:112-60-7
RTECS #:XC2100000
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TRACTS. ACUTE- EYE:MAY

CAUSE MODERATE TO SEVERE

IRRITATION. SKIN:MAY CAUSE IRRITATION. ABSORPTION THROUGH SKIN MAY CAUSE CNS DEPRESSION. INHALE:VAPOR/MIS T MAY CAUSE RESPIRATORY IRRITATION, CNSEFFECTS. ORAL:GI IRRITATION, CNS EFFECTS. CHRONIC-CNS & REPRODUCTIVE EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, EYE REDNESS, TEARNING, BLURRED VISION, SKIN CRACKING, POISONING FROM ABSORPTION

Medical Cond Aggravated

by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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Fire Fighting Measures
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Flash Point Method:PMCC
Flash Point:>250F,>121C
Autoignition Temp:Autoignition Temp Text:590F
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Fire Fighting Procedures:
DO NOT ENTER ANY ENCLOSED/CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. WATER MAY CAUSE FROTHING.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE SPILL WITH INERT ABORBENT SUCH AS SAWDUST, DIATOMACEOUS EARTH, ETC. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO AUTHOR

ITIES.

Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS GIVEN IN THE MATERIAL SAFETY DATA SHEET. AVOID BREATHING VA POR OR MIST.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS.

Ventilation:ADEQUATE

Protective Gloves:BUTYL

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYG

IENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>450F,>232C

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