

11/13/06

OCCIDENTAL CHEMICAL CORPORATIO -- DOT 3 BRAKE FLUID

MSDS Safety Information

FSC: 9150
 NIIN: 01-052-6762
 MSDS Date: 04/15/1992
 MSDS Num: CCVSR
 Product ID: DOT 3 BRAKE FLUID
 MFN: 02
 Responsible Party
 Cage: 0AH54
 Name: OCCIDENTAL CHEMICAL CORPORATION
 Address: CUSTOMER SERVICE, OCCIDENTAL TOWER
 Box: 809050
 City: DALLAS TX 75380
 Info Phone Number: 214-404-3523/716-286-3081
 Emergency Phone Number: 800-733-3665/716-278-7021
 Review Ind: Y
 Published: Y

Contractor Summary

Cage: 70842
 Name: BALKAMP INC
 Address: 2601 S HOLT ROAD
 City: INDIANAPOLIS IN 46241
 Phone: 317-244-7241
 Cage: 050Q3
 Name: NAPA, A DIVISION OF LINCOLN AUTOMOTIVE
 Address: ONE LINCOLN WAY
 City: ST. LOUIS MO 63120-1578
 Phone: 414-255-5520
 Cage: 0AH54
 Name: OCCIDENTAL CHEMICAL CORPORATION
 Address: 5005 LYNDON B JOHNSON FWY
 City: DALLAS TX 75244-6198
 Phone: 800-752-5151/972-404-3800

Item Description Information

Item Manager: S9G
 Item Name: BRAKE FLUID,AUTOMOTIVE
 Specification Number: VV-B-680
 Type/Grade/Class: 1 SIZE
 Unit of Issue: QT
 UI Container Qty: 0
 Type of Container: PPP-C-96

Ingredients

Cas: 143-22-6
 RTECS #: KJ9450000
 Name: ETHANOL, 2-(2-(2-BUTOXYETHOXY)ETHOXY)-/TRIETHYLENE GLYCOL MONOBUTYL ETHER
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED.
 ACGIH TLV: NOT ESTABLISHED.

Cas: 112-35-6
 RTECS #: KL6390000

Name: TRIETHYLENE GLYCOL MONOMETHYL ETHER
% Wt: 5-30
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 112-50-5
RTECS #: KK8950000
Name: TRIETHYLENE GLYCOL MONOETHYL ETHER
% Wt: 1-25
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 1559-34-8
Name: 3,6,9,12-TETRAOXAHEXADECAN-1-OL (TETRAETHYLENE GLYCOL MONOBUTYL ETHER)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 25322-68-3
RTECS #: TQ3500000
Name: POLYETHYLENE GLYCOL
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 7632-00-0
RTECS #: RA1225000
Name: SODIUM NITRITE (CERCLA)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Cas: 4792-15-8
Name: 3,6,9,12-TETRAOXATETRADECANE-1,14-DIOL
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 112-34-5
RTECS #: KJ9100000
Name: DIETHYLENE GLYCOL MONOBUTYL ETHER
% Wt: 0-7
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 111-46-6
RTECS #: ID5950000
Name: DIETHYLENE GLYCOL
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 111-77-3
RTECS #: KL6125000
Name: DIETHYLENE GLYCOL MONOMETHYL ETHER

% Wt: 0-5
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

 Cas: 111-90-0
 RTECS #: KK8750000
 Name: DIETHYLENE GLYCOL MONOETHYL ETHER
 % Wt: 0-5
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

 Cas: 27879-07-8
 Name: .ALPHA.-ETHYL-.OMEGA.-HYDOXY-POLY(OXY-12-ETHANEDIYL)
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

 Cas: 112-60-7
 RTECS #: XC2100000
 Name: TETRAETHYLENE GLYCOL
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

=====
 Health Hazards Data
 =====

LD50 LC50 Mixture: ACUTE ORAL LD50 (RAT) 6.6 G/KG
 Route Of Entry Inds - Inhalation: YES
 Skin: YES
 Ingestion: YES
 Carcinogenicity Inds - NTP: NO
 IARC: NO
 OSHA: NO

Effects of Exposure: MAY CAUSE SEVERE TO MODERATE EYE IRRITATION AND TRANSIENT CORNEAL INJURY. SLIGHTLY IRRITATING TO THE SKIN WITH PROLONGED CONTACT. INGESTION MAY PRODUCE CENTRAL NERVOUS SYSTEM AND GASTROINTESTINAL DISTURBANCES. DUE TO LOW VAPOR PRESSURE EXPOSURE BY INHALATION IS MINIMAL UNDER NORMAL HANDLING PROCEDURES.

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

Signs And Symptions Of Overexposure: EYE IRRITATION, TRANSIENT CORNEAL DAMAGE. SKIN:MILD IRRITATION. INGESTION:G/I &/OR CNS DISTURBANCES. INHALATION: RESPIRATORY IRRITATION IF MIST IS INHALED.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.
 EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM CONTAMINATED ED AREA. AID OR RESTORE BREATHING AS NEEDED. INGESTED:NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION.

=====
 Handling and Disposal
 =====

Spill Release Procedures: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT MEASURES DURING CLEANUP. CONTAIN SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. RECOVER LIQUID FOR REUSE OR RECLAMATION. CONSULT APPROPRIATE AUTHORITIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
 Waste Disposal Methods: DISCARDED MATERIAL IS NOT A RCRA HAZAARDOUS WASTE.
 DISPOSE OF RECOVERED, NONUSABLE PRODUCT AND MATERIAL USED IN CLEANING UP
 SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL.
 Handling And Storage Precautions: AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
 AVOID BREATHING VAPOR AND MIST. STORE INA COOL, DRY, WELL VENTILATED AREA.
 PREVENT CONTACT WITH OXIDIZERS.
 Other Precautions: KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINERS TIGHTLY
 CLOSED. KEEP CONTAINERS TIGHTLY CLOSED.

=====
 Fire and Explosion Hazard Information
 =====

Flash Point Method: PMCC
 Flash Point Text: >250F,>121C
 Lower Limits: NOT GIVEN
 Upper Limits: NOT GIVEN
 Extinguishing Media: USE WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER
 OR FOAM MAY CAUSE FROTHING.
 Fire Fighting Procedures: USE WATER SPRAY TO COOL FIRE EXPOSED. CONTAINERS. WEAR
 FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS.
 Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

=====
 Control Measures
 =====

Respiratory Protection: IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE
 LIMITS USE A NIOSH-APPROVED RESPIRATOR IN ACCORDANCE WITH 29 CFR 1910.134 TO
 PREVENT EXPOSURE.
 Ventilation: LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL VAPORS, MISTS
 OR SPRAY.
 Protective Gloves: BUTYL RUBBER, PVC
 Eye Protection: CHEMICAL SAFETY 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
 NRC/State LIC No: NONE
 B.P. Text: >450F,>232C
 M.P/F.P Text: <-58F,<-50C
 Decomp Text: UNKNOWN
 Vapor Pres: NOT GIVEN
 Vapor Density: NOT GIVEN
 Spec Gravity: 1.05
 PH: 8.5-10
 Evaporation Rate & Reference: NOT GIVEN
 Solubility in Water: SOLUBLE
 Appearance and Odor: AMBER COLOR CLEAR LIQUID, MILD ODOR
 Corrosion Rate: UNKNOWN

=====
 Reactivity Data
 =====

Stability Indicator: YES
 Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
 Materials To Avoid: AVOID CONTACT W/STRONG OXIDIZERS & HIGH OXYGEN
 CONCENTRATIONS.
 Hazardous Decomposition Products: INCOMPLETE COMBUSTION CAN GENERATE CARBON

MONOXIDE AND/OR OXYGENATED HYDROCARBONS.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

=====
Toxicological Information
==========
Ecological Information
==========
MSDS Transport Information
==========
Regulatory Information
==========
Other Information
==========
Transportation Information
=====

Responsible Party Cage: 0AH54
Trans ID NO: 103326
Product ID: DOT 3 BRAKE FLUID
MSDS Prepared Date: 04/15/1992
Review Date: 02/14/1997
MFN: 2
Net Unit Weight: 2.2 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: QT
Container QTY: 0
Type Of Container: PPP-C-96

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
HAZCOM Label
=====

Product ID: DOT 3 BRAKE FLUID
Cage: 0AH54
Company Name: OCCIDENTAL CHEMICAL CORPORATION
Street: 5005 LYNDON B JOHNSON FWY

City: DALLAS TX
Zipcode: 75244-6198
Health Emergency Phone: 800-733-3665/716-278-7021
Label Required IND: Y
Date Of Label Review: 02/14/1997
Status Code: C
MFG Label NO: NONE
Label Date: 02/14/1997
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR AND MIST. STORE IN A COOL, DRY, WELL VENTILATED AREA. PREVENT CONTACT WITH OXIDIZERS. FIRST AID: IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION. EYE: FLUSH W/WATER FOR 15 MIN. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED: REMOVE FROM CONTAMINATED AREA. AID OR RESTORE BREATHING AS NEEDED. INGESTED: NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.