OCCIDENTAL CHEMICAL CORPORATION -- DOT 3 BRAKE FLUID

MSDS Safety Information

FSC: 9150
NIIN: 01-052-6762
MSDS Date: 04/15/1992
MSDS Num: CCSVSR
Product ID: DOT 3 BRAKE FLUID
MFP: 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: 05003
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)ETHOXY)/TRIETHYLENE GLYCOL MONOBUTYL ETHER
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED.
ACGIH TLV: NOT ESTABLISHED.

Cas: 112-35-6
RTECS #: KL6390000

http://martellabs.com/MSDS/11771.txt
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
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Cas: 4792-15-8
Name: 3,6,9,12-TETRAOXAHEXACOSANE-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  

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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  

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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  

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

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Health Hazards Data  

LDS0 LC50 Mixture: ACUTE ORAL LDS0 (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 Symptoms 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 CONTAMINAT 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.  

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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 APPR OPRIATE AUTHORITIES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: DISCARDED MATERIAL IS NOT A RCRA HAZARDOUS 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 IN A 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 CUSE 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: OAH54
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 IN: 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: OAH54
Company Name: OCCIDENTAL CHEMICAL CORPORATION
Street: 5005 LYNDON B JOHNSON FWY

http://martellabs.com/MSDS/11771.txt
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 IRRIGATION 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 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.

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