

## **DELO HEAVY DUTY MOTOR OIL SAE 30**

### **MSDS Number**

BNCNT

### **National Stock Number**

9150-01-351-9015

### **Product Name**

DELO HEAVY DUTY MOTOR OIL SAE 30

### **Manufacturer**

CHEVRON U S A INC

### **Product Identification**

Product ID:DELO HEAVY DUTY MOTOR OIL SAE 30

MSDS Date:12/27/1990

FSC:9150

NIIN:01-351-9015

MSDS Number: BNCNT

### **Responsible Party**

CHEVRON U S A INC

575 MARKET ST

SAN FRANCISCO , CA 94120

US

Emergency Phone: 800-457-2022/510-233-3737

Info Phone: 415-894-3771/804-275-3713FAX -5153

Cage: 81230

### **Contractor**

CHEVRON PRODUCTS COMPANY LUBRICANTS AND SPECIALTY PRODUCTS

SAN RAMON, CA 94583

US

800-414-6737 / 800-582-3835

Cage: 81230

### **Ingredients**

LUBRICATING BASE OIL (MULTIPLE CAS NUMBERS INVOLVED)

Fraction By Weight: >80%

OSHA PEL5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST

ADDITIVES

Fraction By Weight:

BUTYL BENZYL PHTHALATE (SARA III)

CAS: 85-68-7

RTECS: TH9990000

Fraction By Weight:

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ZINC DITHIO DIPHOSPHATE

CAS: 68649-42-3

Fraction By Weight:

## Hazards

LD50 LC50 Mixture:TLV IS 5 MG/M3 OIL MIST.

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

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

Health Hazards Acute and Chronic:ACUTE- EYE/SKIN:THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED/SIGNIFICANT IRRITATION. INHALE/ORAL:THE SYSTEMIC TOXICITY OF THIS SUBSTANCE HAS NOT BEEN DETERMINED.

HOWEVER, IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.

CHRONIC-NONE KNOWN.

Explanation of Carcinogenicity:CONTINUOUS CONTACT WITH USED MOTOR OIL HAS CAUSED SKIN CANCER IN ANIMAL TESTS.

Effects of Overexposure:THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED/SIGNIFICANT EYE OR SKIN IRRITATION. THE SYSTEMIC TOXICITY OF THIS SUBSTANCE HAS NOT BEEN DETERMINED FOR INHALATION OR INGESTION. HOWEVER, IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

## First Aid

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP & WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:IF CONSCIOUS,DRINK WATER/MILK.CONSULT MEDICAL PERSONNEL BEFORE INDUCING VOMITING.IF MEDICAL ADVICE CANNOT BE OBTAINED,THEN TAKE THE PERSON & PRODUCT CONTAINER TO THE NEAREST MEDICAL EMERGENCY TREATMENT CENTER.

## Fire Fighting

Flash Point Method:COC

Flash Point:419F,215C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS IN + PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NORMAL COMBUSTION FORMS CARBON DIOXIDE, WATER VAPOR & MAY PRODUCE OXIDES OF SULFUR, NITROGEN AND PHOSPHOROUS. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

## Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. STOP LEAK. CONTAIN LARGE SPILL. PUMP IT TO TRUCK. SOAK UP RESIDUE/SMALL SPILLS WITH CLAY/SAND. TRANSFER TO PROPER CONTAINER FOR DISPOSAL. IF FEASIBLE, REMOVE CONTAMINATED SOIL. REPORT LARGE SPILLS IF NEEDED

## Handling

Handling and Storage Precautions:STORAGE- STORE IN COOL PLACE. KEEP AWAY FROM HEAT, FLAME & STRONG OXIDANTS.

Other Precautions:EMPTY CONTAINER MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE/EXPLOSIVE VAPORS. DO NOT WELD, HEAT OR DRILL CONTAINER. RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM.

## Exposure Controls

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED

RESPIRATOR FOR ORGANIC VAPORS AND MISTS.  
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:NONE NORMALLY REQUIRED.  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health  
UNDER THE SAME NSN, PIN A SHOWS ANOTHER PRODUCT FROM CHEVRON WITH  
SLIGHTLY DIFFERENT FORMULA AND PRODUCT NAME.

## Chemical Properties

HCC:V6  
Spec Gravity:0.88  
Viscosity:10.6CST @100C  
Solubility in Water:INSOLUBLE  
Appearance and Odor:DARK BROWN LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.  
Stability Condition to Avoid:EXTREME HEAT, OPEN FLAMES  
Hazardous Decomposition Products:NORMAL COMBUSTION FORMS CARBON  
DIOXIDE, WATER VAPOR & MAY PRODUCE OXIDES OF SULFUR, NITROGEN AND  
PHOSPHOROUS. INCOMPLETE

## Disposal

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE  
LOCAL, STATE AND FEDERAL REGULATIONS. CHEMTREC EMERGENCY PHONE  
NUMBER: 800-424-9300 (24 HOUR).

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 this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.