

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- 12900012 AC10W30 -- 9150-00-451-6947

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

Product ID:12900012 AC10W30

MSDS Date:02/04/1993

FSC:9150

NIIN:00-451-6947

MSDS Number: BSCVT

=== Responsible Party ===

Company Name:VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.

Address:200 E MAIN ST

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Info Phone Num:606-

264-7000/7616;FAX 601-429-0537

Emergency Phone Num:800-ASHLAND/800-274-5263

CAGE:72527

=== Contractor Identification ===

Company Name:DEALNO OIL CO

CAGE:DELAN

Company Name:VALVOLINE OIL CO

Address:3499 BLAZER PKY

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Phone:606-357-7206 / 800-274-5263

CAGE:72527

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

Ingred Name:DETERGENT AND DISPERSANT IN HIGHLY REFINED AND/OR SEVERELY  
HYDROTREATED BASE OIL.

Fraction by Wt: 5-

10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY  
PARAFFINIC  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 70-85%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 MG/M3 (OIL MIST)

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION OF VAPORS EXCEEDING  
THE  
PEL FOR OIL MIST MAY CAUSE RESPIRATORY IRRITATION. CONTACT OF  
LIQUID WITH EYES MAY CAUSE IRRITATION. INGESTION MAY CAUSE GI TRACT  
UPSET. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN  
IRRITATION.  
Explanation of Carcinogenicity:USED MOTOR OIL HAS BEEN SHOWN TO CAUSE  
SKIN CANCER IN LABORATORY ANIMALS ON PROLONGED AND REPEATED SKIN  
APPLICATION.  
Effects of Overexposure:INHALED: COUGHING, WHEEZING, SHORTNESS OF  
BREATH. EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNES  
S, ITCHING,  
CRACKING OF SKIN, DISCOMFORT. INGESTED: NAUSEA, VOMITING, STOMACH  
CRAMPS, DIARRHEA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH LOTS OF  
WATER FOR 15 MINUTES. SEE DOCTOR. INHALED: REMOVE TO FRESH AIR.  
GIVE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF  
BREATHING ST OPPED. KEEP PERSON WARM, QUIET, GE  
T MEDICAL AID.  
INGESTED: DO NOT INDUCE VOMITING! KEEP PERSON WARM AND QUIET. GET  
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:COC  
Flash Point:>400F,>204C  
Extinguishing Media:FOAM, CARBON DIOXIDE, OR DRY CHEMICAL. WATER OR  
FOAM MAY CAUSE FROTHING WHICH MAY BE VIOLENT.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE PRODUCED WHEN  
BURNING.NEVER USE WELDI

NG OR CUTTING TORCH ON OR NEAR DRUM (EVEN  
EMPTY) BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON VERMICULITE,  
FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL, PLACE IN A CONTAINER  
FOR LATER DISPOSAL. LARGE SPILL: CONTAIN SPILL. PREVENT RUN-OFF  
INTO WATERWAY/SEWER. NOTIFY AUTHORITIES IF RUN-OFF OCCURS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM  
STRONG OXIDIZING AGENTS. AVOID CONTACT WITH EYES OR SKIN. DO NOT  
TRANSFER TO UNLABELED CONTAINER.  
Other Precautions:DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER  
(EVEN EMPTY).

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS  
FAIL OR EMERGENCY OCCURS; USE NIOSH/  
MSHA APPROVED RESPIRATOR OR  
SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR  
1910.134.  
Ventilation:NONE NORMALLY REQUIRED. IF UNUSUAL CONDITIONS EXIST; USE  
ADEQUATE MECHANICAL VENTILATION.  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:NONE NORMALLY REQUIRED.  
Other Protective Equipment:NORMAL WORK CLOTHES COVERING ARMS AND LEGS.  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health  
PART NUMBER A-D THIS NSN AND CAGE REFLECT MSDS RECEIVED FROM DEFENSE  
FUELS BY HMIS FOR THIS NSN. THE DIFFERENCE IS A FORMULA DIFFERENCE.

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

HCC:V6  
Boiling Pt:B.P. Text:570F,299C  
Vapor Pres:1(AIR=1)  
Spec Gravity:0.879(WATER=1)  
Evaporation Rate & Reference: