

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: REDNESS, 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 STOPPED. KEEP PERSON WARM, QUIET, GET 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 WELDING.

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.

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===== 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: