

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)

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===== 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.

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===== 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

T MEDICAL AID.

INGESTED: DO NOT INDUCE VOMITING! KEEP PERSON WARM AND QUIET. GET
MEDICAL ATTENTION.

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===== 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: