

VALVOLINE,INC, SUB OF ASHLAND OIL,INC -- NON-DETERGENT MOTOR OIL SAE 20W --
9150-01-079-8310

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

Product ID:NON-DETERGENT MOTOR OIL SAE 20W

MSDS Date:11/13/1991

FSC:9150

NIIN:01-079-8310

MSDS Number: BQFDJ

=== Responsible Party ===

Company Name:VALVOLINE,INC, SUB OF ASHLAND OIL,INC

Address:200 E MAIN ST

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Info Pho

ne Num:606-265-7000

Emergency Phone Num:800-274-5263

Preparer's Name:C.BERNIER

CAGE:MO851

=== Contractor Identification ===

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

Company Name:VALVOLINE,INC, SUB OF ASHLAND OIL,INC

Address:200 E MAIN ST

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Phone:606-265-7000

CAGE:MO851

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

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Ingred Name:PETROLEUM OIL, (SOLVENT,DEWAXED RESIDUAL OIL)

CAS:64742-62-7

Minumum % Wt:10.

Maxumum % Wt:25.

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:LUBRICATING OIL, (DISTILLATES, HYDROTREATED HEAVY
PARAFFINIC)

CAS:64742-54-7

RTECS #:PY8035500

Minumum % Wt:70.

Maxumum % Wt:85.

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: NOT EXPECTED TO CAUSE IRRITATION
DURING NORMAL CONDITIONS OF USE. SKIN: PROLONGED CONTACT MAY CAUSE
IRRITATION AND DERMATITIS. INHALATION: NOT EXPECTED TO BE A HAZARD
AT NORMAL ROOM TEMPERATURE. EXPOSURES EXCEEDING PEL/TLV MAY
RESULTIN RESPIRATORY IRRITATION. INGESTION: NOT EXPECTED
TO BE
TOXIC.

Explanation of Carcinogenicity:USED MOTOR OIL HAS BEEN SHOWN TO CAUSE
SKIN CANCER IN CERTAIN LABORATORY ANIMALS CONTINUALLY EXPOSED TO
USED MOTOR OIL.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS.
INHALATION: RESPIRATORY IRRITATION. INGESTION: PRODUCT HAS LAXATIVE
PROPERTIES AND MAY CAUSE NAUSEA, ABDOMINAL CRAMPS, AND DIARRHEA.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE
INVOLVING THE EYES, SKIN, OR RESPIRAT

ORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHIN G GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:>215.6C, 420.F
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WEAR SCBA WITH FULL FACEPIECE IN POSITIVE PRESS. DEMAND MODE WHEN FIGHTING FIRES. WATER OR FOAM MAY CAUSE VIOLENT FROTHING IF SPRAYED ON HOT, BURNING LIQUID.
Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN E MPTY) BECAUSE PRODUCT OR RESIDUE CAN IGNITE EXPLOSIVELY.

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

Spill Release Procedures:DIKE TO CONTAIN AND PREVENT FROM DISCHARGING TO DRAINS, SEWERS, STREAMS, OR OTHER BODIES OF WATER. PUMP LIQUID TO SALVAGE TANK. ABSORB RESIDUE WITH SAND, CLAY, OR OTHER ABSORBENT MATERIAL AND SHOVEL I NTO CONTAINERS FOR DISPOSAL.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNLABELED CONTAINER. DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER (EVEN EMPTY).
Other Precautions:USED MOTOR OIL HAS BEEN SHOWN TO CAUSE SKIN CANCER IN CERTAIN LABORATORY ANIMALS CONTINUALLY EXPOSED TO USED MOTOR OIL BY REPEATED APPLICATIONS. AVOID PROLONGED OR REPEAED COACT TO SKIN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF OIL MISTS ARE GENERATED

ABOVE RECOMMENDED PEL/TLV OF 5 MG/M3, THEN A NIOSH/MSHA APPROVED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:NONE NORMALLY REQUIRED. IF UNUSUAL CONDITIONS EXIST, THEN PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINK

ING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:=268.3C, 515.F

Vapor Density:>1

Spec Gravity:0.887

Evaporation Rate & Reference: