

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- GEAR OIL 85-140 -- 9150-01-035-5396
===== Product Identification =====

Product ID:GEAR OIL 85-140

MSDS Date:02/10/1995

FSC:9150

NIIN:01-035-5396

MSDS Number: BXWDH

=== 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:606-35

7-7847

Emergency Phone Num:800-274-5263

CAGE:72527

=== Contractor Identification ===

Company Name:ASHLAND INC ASHLAND INDUSTRIAL PRODUCTS DIV

Address:491 RAILROAD ST

Box:City:ROCHESTER

State:PA

ZIP:15074-1905

Country:US

Phone:724-770-1500

CAGE:0XDH2

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:MINERAL OIL,

PETROLEUM DISTILLATE, SOLVENT DDEWAXED
(SEVERE), HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038501

Fraction by Wt: 87 - 97%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:LUBE OIL ADDITIVE

Fraction by Wt: 2.8- 13%

Other REC Limits:NONE RECOMMENDED

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

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

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

Reports of Carcino

genicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- MAY CAUSE EYE, SKIN AND GASTROINTESTINAL TRACT IRRITATION. INHALATION OF HEATED VAPORS OR MISTS MAY CAUSE NOSE AND THROAT IRRITATION. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. CHRONIC- MAY CAUSE SKIN BURNING, REDNESS AND DRYNESS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, BURNING, NAUSEA, VOMITING,

DIARRHEA, DRYNESS, CRACKING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INGESTION:DO

NOT INDUCE VOMITING. IF CONSCIOUS, DRINK ONE GLASS OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE VICTIM UNATTENDED.

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

Flash Point:>300F,>149C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, SAND, EARTH, OR DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE

EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:TOXIC FUMES, GASES OR VAPORS MAY EVOLVE
ON BURNING. CONTAINER MAY RUPTURE ON HEATING.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. STOP LEAK. DIKE AND
CONTAIN. USE PUMP TO TRANSFER LARGE SPILLS TO CONTAINER. REMAINING
LIQUID/SMALL SPILLS CAN BE TAKEN UP ON SAND, CLAY, EARTH & SHOVELD
INTO CONTAINERS. PR EVENT RUN-OFF TO ENTER WATERWAYS
, SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL PLACE. KEEP AWAY FROM
FLAME AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH
THOROUGHLY AFTER HANDLING. EMPTY CONTAINER RETAINS PRODUCT RESIDUE.
OBSERVE ALL PRECAUTIONS GIVEN IN THE MATERIAL SAFETY DATA SHEET.

===== Exposure Controls/Personal Protec
tion =====

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH
VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED
RESPIRATOR FOR ORGANIC VAPORS AND MISTS.

Ventilation:ADEQUATE

Protective Gloves:LATEX, RUBBER RECOMMENDED

Eye Protection:SAFETY GOGGLES RECOMMENDED

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
RECO

MMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>425F,>218C

Vapor Density: