

GEAR OIL 85-140

Product and Company Identification
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MSDS Safety Information

TOP

FSC: 9150

NIIN: 01-035-
5395

MSDS Date: 03/04/1998

MSDS Num: BXWDG

Submitter: D DG

Tech Review: 06/01/1999

Status CD: C

Product ID: GEAR OIL 85-140

MFN: 01

Article: N

Kit Part: N

Responsible Party

Cage: 72527

Name: VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.

Address: 200 E MAIN ST

City: LEXINGTON

State: KY

Box: 14000

Zip: 40512

Country: US

Info Phone Number: 606-264-7000/7616;FAX 601-429-0537

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

Preparer's Name: UNKNOWN

Proprietary Ind: N

Published: Y

Review Ind: Y

Special Project CD: N

Contractor Summary

TOP

Cage:0XDH2

Name:ASHLAND INC

Address:UNKNOWN

City:UNKNOWN

State:NK

Box:UNKNOW

Zip:00000

Country:NK

Phone:UNKNOWN

Contract Number:SP0450-98-M-CM33

Cage:iG542

Name:ASHLAND INC; VALVOLINE CO DIVISION

Address:UNKNOWN

City:UNKNOWN

State:NK

Box:UNKNOW

Zip:00000

Country:NK

Phone:UNKNOWN

Cage:72527

Name:VALVOLINE OIL

Address:3499 DABNEY DRIVE

City:LEXINGTON

State:KY

Box:14000

Zip:40512

Country:US

Phone:606-357-7847

= Item Description Information =

TOP

Item Manager: S9G

Item Name: LUBRICATING OIL,GEAR
Specification Number: MIL-L-2105D

Type/Grade/Class: GRADE 85W-140

Unit of Issue: CN
UI Container Qty: 5 GAL

Quantitative Expression: 00000000005GL
Type of Container: CAN

Ingredients

TOP

Cas: 64742-65-0

Code: M

RTECS #: PY8038501

Code: M

Name: MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DDEWAXED (SEVERE),
HEAVY PARAFFINIC

% low Wt: 87.

Code: M

% high Wt: 97.

Code: M

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 AS OIL MIST

Code: M

OSHA N/P

Code:

ACGIH TLV: 5 MG/M3 AS OIL MIST

Code: M

ACGIH N/P

Code:

EPA Rpt Qty:

STEL:
DOT Rpt
Qty:

Ozone Depleting Chemical: N

Cas:

Code: X

RTECS #: 1005366LO

Code: M

Name: LUBE OIL ADDITIVE

% low Wt: 2.8

Code: M

% high Wt: 13.

Code: M

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA N/P

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P

Code:

STEL:

Ozone Depleting Chemical:

Health Hazards Data

TOP

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

Route Of Entry Inds - Inhalation:NO

Skin:NO

Ingestion:NO

Carcinogenicity Inds - NTP:NO

IARC:NO

OSHA:NO

Health Hazards Acute And Chronic

EYE-UNLIKELY TO CAUSE EYE IRRITATION OR INJURY. SKIN-MAY CAUSE MILD SKIN IRRITATION. SWALLOWING-SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. INHALATION-I IS POSSIBLE TO BREATHE THIS MATERIAL UNDER CERTAIN CONDITIONS OF HANDLING AND USE (FOR EXAMPLE, DURING HEATING, SPRAYING, OR STIRRING). SYMPTOMS USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THAN RECOMMENDED EXPOSURE LIMITS.

Explanation Of Carcinogenicity

NONE

Signs And Symptoms Of Overexposure

SKIN: SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING OF SKIN, AND SKIN BURNS. SYMPTOMS OF EXPOSURE-STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), PAIN IN THE ABDOMEN.

Medical Cond Aggravated By Exposure

N/P

First Aid Information

TOP

EYES-IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER WHILE HOLDING EYELIDS APART. SKIN-REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP & WATER. IF SYMPTOMS PERSISTS, SEEK MEDICAL ATTENTION. SWALLOWING-DO NOT INDUCE VOMITING. GIVE ONE GLASS OF MILK OR WATER, & GET MEDICAL ATTENTION IMMEDIATELY. IF POSSIBLE DO NOT LEAVE VICTIM UNATTENDED. INHALATION-IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEE IMMEDIATE MEDICAL ATTENTION; KEEP PERSON WARM & QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION/ADMINISTER OXYGEN.

Spill Release Procedures

TOP

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent

NOT RELEVANT

Waste Disposal Methods

TOP

DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling and Storage Precautions

TOP

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

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.

Fire and Explosion Hazard Information

TOP

Flash Point Method: N/P

Flash Point: >148.9C, 300.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text: N/K

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media

REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures

WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER. WEAR A SELF CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR & CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. DENSE SMOKE MAY BE GENERATED WHILE BURNING.

Control Measures

TOP

Respiratory Protection

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. HOWEVER, IF OIL MISTS ARE GENERATED ABOVE RECOMMENDED PEL/TLV OF 5 MG/M3, THEN A NIOSH/MSHA APPROVED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. (SEE YOUR INDUSTRIAL HYGIENIST).

Ventilation

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. HOWEVER, IF UNUSUAL OPERATING CONDITIONS EXIST, THEN PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN PEL/TLV.

Protective Gloves

NOT NORMALLY REQUIRED (NITRILE RUBBER)

Eye Protection

NOT NORMALLY REQUIRED (SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES)

Other Protective Equipment

WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Work Hygienic Practices

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

N/P

Physical/Chemical Properties

TOP

HCC: V6

NRC/State LIC No: NOT RELEVANT

Net Prop WT For Ammo: N/R

Boiling Point: >218.C, 424.4F

B.P. Text:

Melt/Freeze Pt:

M.P/F.P Text: UNKNOWN

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: <1

Volatile Org Content %:

Spec Gravity: 0.906 @ 60.0F

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity: 26-27 CST

Evaporation Rate & Reference: SLOWER THAN ETHYL ETHER

Solubility in Water: UNKNOWN

Appearance and Odor: DRY, CLEAR AND BRIGHT, LIQUID.

Percent Volatiles by Volume: N/K

Corrosion Rate: UNKNOWN

Reactivity Data

TOP

Stability Indicator: YES

Stability Condition To Avoid: N/P

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

Toxicological Information

TOP

Toxicological Information: NO DATA

Ecological Information

TOP

Ecological: NO DATA

MSDS Transport Information

TOP

Transport Information: DOT DESCRIPTION: NOT REGULATED. CONTAINER/MODE: NO EXEMPTIONS.
NOS COMPONENT: NONE. RQ: NOT APPLICABLE.

Regulatory Information

TOP

Sara Title III Information: SARA 313 COMPONENTS - 40 CFR 372.65: NONE. SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A: NONE. SECTION 311/312 HAZARD CLASS - 40 CFR 370.2: IMMEDIATE.

Federal Regulatory Information: TSCA STATUS: THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED. CERCLA RQ - 40 CFR 302.4: NONE.

State Regulatory Information: CALIFORNIA PROPOSITION 65: NONE.

Other Information

TOP

Other INTERNATIONAL REGULATIONS: INVENTORY STATUS: DSL (CANADA) Information: THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.

HMIS Transportation Information

TOP

Responsible Party Cage: 72527

Trans ID NO: 101084

Product ID: GEAR OIL 85-140

MSDS Prepared Date: 03/04/1998

Review Date: 10/30/1995

MFN: 1

Submitter: D DG

Status C
CD:

Article W/O MSDS: N
Radioactivity:

Tech Entry NOS Shipping Nm:
Form:

Net Explosive Weight:
Coast Guard AMMO Code:

Magnetism: N/P

Net Unit Weight: 38.2 LBS
DOD Exemption NUM:

AF MMAC Code:
Limited Quantity IND:

Multiple KIT Number: 0
Kit Part IND: N

Kit IND: N
Review IND: Y

Unit Of Issue: CN
Type Of Container: CAN
Additional Data:

Container QTY: 5 GAL

Detail DOT Information

TOP

DOT PSN Code: ZZZ

Symbols: N/R

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT PSN Modifier:

Hazard Class: N/R
DOT Packaging Group: N/R

UN ID Num: N/R

Label: N/R
Special Provision: N/R
Packaging Exception: N/R

Non Bulk Pack: N/R
Max Qty Pass: N/R

Bulk Pack: N/R
Max Qty Cargo: N/R

Vessel Stow Req: N/R
Water/Ship/Other Req: N/R

Detail IMO Information

TOP

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO PSN Modifier:

IMDG Page Number: N/R
UN Hazard Class: N/R

UN Number: N/R
IMO Packaging Group: N/R

Subsidiary Risk Label: N/R
EMS Number: N/R

MED First Aid Guide NUM: N/R

Detail IATA Information

TOP

IATA PSN Code: ZZZ

IATA UN ID NUM: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA PSN Modifier:

IATA UN Class: N/R

Subsidiary Risk N/R
Class:

IATA Label: N/R
UN Packing Group: N/R

Packing Note Passenger: N/R

Max Quant Pass: N/R
Packaging Note Cargo: N/R

Max Quant Cargo: N/R
Exceptions: N/R

Detail AFI Information

TOP

AFI PSN Code: ZZZ

AFI Symbols:

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Modifier:

AFI Hazard Class: N/R
AFI Packing Group: N/R

AFI UN ID NUM: N/R

AFI Label: N/R
Special Provisions: N/A

Back Pack Reference: N/A

HMIS HAZCOM Label

TOP

Product ID: GEAR OIL 85-140

Cage: 72527

Assigned IND: N

Company Name: VALVOLINE OIL

Street: 3499 DABNEY DRIVE

PO Box: 14000

City: LEXINGTON

State: KY

Zipcode: 40512

Country: US

Health Emergency Phone:

Label Required IND: N

Status Code: C

Label Date: 10/30/1995

Date Of Label Review: 10/30/1995

MFG Label NO:

Year Procured: 1996

Origination Code: N

Eye Protection IND: N/P

Chronic Hazard IND: N/P

Skin Protection IND: N/P

Signal Word: N/P

Respiratory Protection IND: N/P

Health Hazard:

Contact Hazard:

Fire Hazard:

Reactivity Hazard:

Hazard And Precautions

N/P

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