

The Valvoline Company

Date Prepared: 03/05/02

MSDS No: 505.0379080-001.001I
ATV 4-STROKE OIL C 10W40 12/1 QT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: ATV 4-STROKE OIL C 10W40 12/1 QT
General or Generic ID: PETROLEUM BASED LUBRICATING OIL

Company	Telephone Numbers
The Valvoline Company	Emergency: 1-800-274-5263
Lexington, KY 40512	P.O. Box 14000 Information: 1-859-357-7206

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
HYDROTREATED HEAVY PARAFFINIC PETROLEUM DIST DETERGENT/DISPERSANT ADDITIVE	64742-54-7	69.0- 89.0 6.0- 16.0
ZINC COMPOUNDS		0.5- 1.1
ALKYLATED PHENOL	26998-80-1	0.5- 1.1

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation.

Skin

Prolonged or repeated contact may dry and crack the skin.
Additional symptoms of skin contact may include: acne, Passage of
this material into the body through the skin is possible, but it
is unlikely that this would result in harmful effects during safe
handling and use.

Swallowing

Swallowing this material is not likely to be harmful.

Inhalation

It is possible to breathe this material under certain conditions
of handling and use (for example, during heating, spraying, or
stirring). Breathing small amounts of this material during normal
handling is not likely to cause harmful effects.

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing,
swallowing, and/or passage of the material through the skin may
include: stomach or intestinal upset (nausea, vomiting, diarrhea)
irritation (nose, throat, airways).

Target Organ Effects

No data

Developmental Information

There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact, Ingestion.

4. FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Swallowing

First aid is not normally required. If symptoms develop, seek medical attention.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

5. FIRE FIGHTING MEASURES

Flash Point

> 269.0 F (131.6 C)

Explosive Limit

No data

Autoignition Temperature

No data

Hazardous Products of Combustion
May form: aldehydes, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

Fire and Explosion Hazards
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.

Extinguishing Media
regular foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions
Water or foam may cause frothing which can be violent and 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 and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating
Health - 1, Flammability - 1, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill
Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill
Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

7. HANDLING AND STORAGE

Handling
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. Avoid prolonged or repeated contact.

Storage
Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection
Not required under normal conditions of use. However, if misting

or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

Skin Protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product.

Respiratory Protections

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 absence of proper environmental control. (See your industrial hygienist.)

Engineering Controls

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

Exposure Guidelines

Component

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (64742-54-7)

OSHA VPEL 5.000 mg/m³ - TWA

ACGIH TLV 5.000 mg/m³ - TWA

DETERGENT/DISPERSANT ADDITIVE

No exposure limits established

ZINC COMPOUNDS

No exposure limits established

ALKYLATED PHENOL (26998-80-1)

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

No data

Vapor Pressure

No data

Specific Vapor Density

No data

Specific Gravity

.880 @ 60.00 F

Liquid Density

7.330 lbs/gal @ 60.00 F

7.330 lbs/gal @ 60.00 F

Percent Volatiles (Including Water)

No data

Evaporation Rate
No data

Appearance
BRIGHT & CLEAR

State
LIQUID

Physical Form
LIQUID

Color
No data

Odor
MILD HYDROCARBON ODOR

pH
No data

Viscosity
14.5 - 15.5 cst @ 100 C

10. STABILITY AND REACTIVITY

Hazardous Polymerization
Product will not undergo hazardous polymerization.

Hazardous Decomposition
May form: aldehydes, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

Chemical Stability
Stable.

Incompatibility
Avoid contact with: acids, halogenated hydrocarbons, halogens, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information
Dispose of in accordance with all applicable local, state and

federal regulations.

14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:
Not Regulated

Container/Mode:
CASES/SURFACE - NO EXCEPTIONS

NOS Component:
None

RQ (Reportable Quantity) - 49 CFR 172.101
Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status
TSCA (UNITED STATES) The intentional ingredients of this
product are listed.

CERCLA RQ - 40 CFR 302.4
None

SARA 302 Components - 40 CFR 355 Appendix A
None

Section 311/312 Hazard Class - 40 CFR 370.2
Immediate(X) Delayed() Fire() Reactive() Sudden
Release of Pressure()

SARA 313 Components - 40 CFR 372.65
Section 313 Component(s) CAS Number

ZINC COMPOUNDS

International Regulations
Inventory Status

AICS (AUSTRALIA) The intentional ingredients of this product
are listed.

DSL (CANADA) The intentional ingredients of this product are
listed.

EINECS (EUROPE) The intentional ingredients of this product are
listed.

ENCS (JAPAN) The intentional ingredients of this product are
listed.

State and Local Regulations
California Proposition 65
None

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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