

The Valvoline Company

Date Prepared: 05/26/99

MSDS No: 510.0336563-001.002I

AUTO LEATHER COND 1/14 OZ

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: AUTO LEATHER COND 1/14 OZ

General or Generic ID: AUTOMOTIVE DETAIL PRODUCT

Company

The Valvoline Company
P.O. Box 14000
Lexington, KY 40512

Telephone Numbers

Emergency: 1-800-274-5263
Information: 1-859-357-7206

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient(s) | CAS Number | % (by weight) |
|-------------------|------------|---------------|
| WHITE MINERAL OIL | 8042-47-5 | 5.0- 15.0 |
| GLYCERINE | 56-81-5 | 1.0- 11.0 |

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Can cause eye irritation.

Skin

Unlikely to cause skin irritation or injury. 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 small amounts of this material during normal handling is not likely to cause harmful effects.

Inhalation

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

There is no information available. The chance of this material causing cancer is unknown.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact, Ingestion.

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate 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

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

First aid is not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.

Note to Physicians

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 - Swallowing) when deciding whether to induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point

> 200.0 F (93.3 C) ESTIMATED

Explosive Limit

No data

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: acrolein, carbon dioxide and carbon monoxide, formaldehyde, metal oxides, silicon dioxide, sulfur oxides.

Fire and Explosion Hazards

No special fire hazards are known to be associated with this product.

Extinguishing Media

alcohol foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions

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. No special precautions necessary when fighting fires involving this product.

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

No data

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.

Storage

Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Not required under normal conditions of use. Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Not required under normal conditions of use.

Respiratory Protections

Not required under normal conditions of use.

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

WHITE MINERAL OIL (8042-47-5)
OSHA VPEL 5.000 mg/m3 - TWA as Oil Mist - CASRN 8012-95-1
ACGIH TLV 5.000 mg/m3 - TWA as Oil Mist - CASRN 8012-95-1
ACGIH TLV 10.000 mg/m3 - STEL as Oil Mist - CASRN 8012-95-1

GLYCERINE (56-81-5)
OSHA VPEL 5.000 mg/m3 - TWA respirable fraction
OSHA VPEL 10.000 mg/m3 - TWA total dust
ACGIH TLV 10.000 mg/m3 - TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point
(for component) 212.0 F (100.0 C)

Vapor Pressure
(for component) 17.500 mmHg

Specific Vapor Density
No data

Specific Gravity
.999 @ 60.00 F

Liquid Density
8.320 lbs/gal @ 60.00 F
.999 kg/l @ 15.60 C

Percent Volatiles (Including Water)
No data

Evaporation Rate
SLOWER THAN ETHYL ETHER

Appearance
VISCOUS

State
LIQUID

Physical Form
EMULSION

Color
OFF WHITE

Odor
HERBAL

pH
7.8 - 8.2

Viscosity
2500.0 cps @ #4 @ 60 RPM

10. STABILITY AND REACTIVITY

Hazardous Polymerization
Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: acrolein, carbon dioxide and carbon monoxide,
formaldehyde, metal oxides, silicon dioxide, sulfur oxides.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: acids, alkalies, chlorine, chromium trioxide,
peroxides, potassium permanganate, strong oxidizing agents, strong
reducing 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

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
None

International Regulations
Inventory Status
Not determined

State and Local Regulations
California Proposition 65
None

Pennsylvania RTK Label Information
1,2,3-PROPANETRIOL

56-81-5

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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