

The Valvoline Company

Date Prepared: 01/14/02

MSDS No: 510.0369528-001.002I

PRO EXTRACTOR SHAMPOO 1/128 OZ

---

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: PRO EXTRACTOR SHAMPOO 1/128 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)
SODIUM METASILICATE PENTAHYDRATE	6834-92-0	1.0- 8.0

---

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Material is corrosive to eyes. May cause burns.

Skin

Can cause skin burns and other permanent skin damage.

Swallowing

Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation, burns and tissue damage. Shock may occur.

Inhalation

Breathing of vapor or mist is possible. Breathing this material may be harmful or fatal. May cause severe irritation and burns to the nose, throat, and respiratory tract.

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), low blood pressure, lung edema (fluid buildup in the lung tissue), pneumonia, lung damage, damage to the mouth, throat and/or airways, shock, coma, and death.

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

Based on the available information, this material cannot be classified with regard to carcinogenicity. 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 material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Seek immediate medical attention.

#### Skin

Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.

#### Swallowing

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

#### 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), eye.

---

### 5. FIRE FIGHTING MEASURES

#### Flash Point

> 212.0 F (100.0 C)

#### Explosive Limit

No data

#### Autoignition Temperature

No data

#### Hazardous Products of Combustion

May form: hydrogen sulfide, sulfur oxides.

Fire and Explosion Hazards

No data

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.

NFPA Rating

Health - 3, 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.

---

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

Chemical splash goggles and face shield (8" min.) in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your industrial hygienist.)

Skin Protection

Wear resistant gloves (consult your safety equipment supplier). To prevent skin contact, wear impervious clothing, such as, Tyvek disposable coveralls, hoods, and shoe coverings.

Respiratory Protections

Not required under normal conditions of use. If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA

respirators under specified conditions. (Consult your safety equipment supplier.) Engineering or administrative controls should be implemented to reduce exposure.

#### Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

#### Exposure Guidelines

##### Component

-----

SODIUM METASILICATE PENTAHYDRATE (6834-92-0)

No exposure limits established

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Boiling Point

No data

#### Vapor Pressure

No data

#### Specific Vapor Density

No data

#### Specific Gravity

1.050 @ 70.00 F

#### Liquid Density

8.700 lbs/gal @ 70.00 F

1.050 kg/l @ 21.10 C

#### Percent Volatiles (Including Water)

No data

#### Evaporation Rate

No data

#### Appearance

CLEAR

#### State

LIQUID

#### Physical Form

No data

#### Color

CLEAR

#### Odor

CHERRY

#### pH

12.8 @ 25 C

---

### 10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: hydrogen sulfide, sulfur oxides.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong acids, 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:

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.,8,UN3266,II

Container/Mode:

CASES/SURFACE - NO EXCEPTIONS

NOS Component:

SODIUM METASILICATE PENTAHYDRATE

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

---

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.

Last page