

# 69289 - # 69290

24 Hour EMERGENCY TELEPHONE - CHEMTREC 1-800-424-9300

**Material Safety Data Sheet**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



**IDENTITY** (As Used on Label and List)  
SHAMROCK RINSE AID

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

<b>Manufacturer's Name</b> SHAMROCK SUPPLY CO., INC.	<b>Emergency Telephone Number</b> (503) 620-0213
<b>Address (Number, Street, City, State, and ZIP Code)</b> 16285 SW 85th -- Suite 303	<b>Telephone Number for Information</b> (503) 620-0213
Tigard, OR 97224	<b>Date Prepared</b> rev: March 22, 2001 May 11, 1995
	<b>Signature of Preparer (optional)</b>

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Polyethoxlated Alcohol CAS#68603-23-8	none	none	none	
* Isopropanol CAS#67-63-0	400ppm	400ppm	none	
* Phosphoric Acid CAS#7664-38-2	1	1	none	

\* Listed with SARA Title III Section 313

**Section III — Physical/Chemical Characteristics**

<b>Boiling Point</b>	212°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.99
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Similar to water

**Solubility in Water**  
100%

**Appearance and Odor**  
Blue liquid with very slight chemical odor.

**Section IV — Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b>	> 200°F	<b>Flammable Limits</b>	LEL N/A	UEL N/A
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**Extinguishing Media**  
Water, Foam Spray

**Special Fire Fighting Procedures**  
None

**Unusual Fire and Explosion Hazards**  
None

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	3

SHAMROCK RINSE AID

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid N.A.
	Stable	X	

Incompatibility (Materials to Avoid)  
Avoid oxidizing and reducing agents.

Hazardous Decomposition or Byproducts  
Oxides of carbon.

Hazardous Polymerization	May Occur		Conditions to Avoid N.A.
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Eyes      Inhalation?      Skip?       Ingestion?

Health Hazards (Acute and Chronic)  
Eyes - irritation. Skin - irritation.

Carcinogenicity: None      NTP? None      IARC Monographs? None      OSHA Regulated? No

Signs and Symptoms of Exposure  
Eyes - irritation, redness. Skin - irritation.

Medical Conditions Generally Aggravated by Exposure      Dermatitis

Emergency and First Aid Procedures  
Eyes - Rinse with water for 15 minutes. Get medical attention. Skin - rinse with water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled  
Mop up and rinse.

Waste Disposal Method  
Dispose according to Local, State and Federal Regulations.

Precautions to Be Taken in Handling and Storing  
Keep from freezing.

Other Precautions  
None

Section VIII — Control Measures

Respiratory Protection (Specify Type)  
None needed.

Ventilation	Local Exhaust	N.A.	Special	N.A.
	Mechanical (General)	X	Other	N.A.

Protective Gloves: Rubber gloves      Eye Protection: Safety glasses or goggles if contact likely.

Other Protective Clothing or Equipment  
None

Work Hygienic Practices  
Wash hands and face before smoking or eating. Change contaminated clothing immediately.