

## 1. Product and Manufacturer Identification

Product Name: **Prelim**  
 Product Use: Pre-spray for upholstery fabric before cleaning  
 Manufacturer: Racine Industries, Inc. 1405 Sixteenth Street Racine, WI 53403 USA  
 Tel: 1-262-637-4491; **1-800-558-9439**  
**Emergency contact after hours:** Marc @ 1-815-382-8238 (8am-4:30pm CST) [msiwek@hostdry.com](mailto:msiwek@hostdry.com) or Greg @ 1-262-681-7431

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 Unit 8 Parkway Business Centre  
 Sixth Avenue, Zone 2 Deeside Industrial Park  
 Deeside, CH5 2LD  
 Tel – 01244-289256 (8-5 GMT)  
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**Web - [www.hostvonschrader.co.uk](http://www.hostvonschrader.co.uk)**

## 2. Hazard Identification



Emergency Overview: Irritant  
 SKIN: Irritating to skin. (R38) May cause sensitization by skin contact. (R43) See section 11.  
 EYES: Irritating to eyes. (R36)  
 INHALATION: Avoid excessive exposure.  
 INGESTION: Avoid ingestion.  
 ENVIRONMENT: Although biodegradable, may be toxic to aquatic life and cause long-term effects. (R51/53) See section 12.

## 3. Composition/ Information On Ingredients

Ingredient Name	CAS/EC #	Weight %	Risk (see sections 2 and 16)
2-Butoxyethanol	111-76-2 / 203-905-0	<30%	Xi R36/38, Xn R20/21/22
D-Limonene	5989-27-5 / 205-341-0	<30%	Xi R38, 43, N R50/53, R10
Sodium olefin sulfonate	68439-57-6 / 270-407-8	<10%	Xi R38

## 4. First Aid Measures

SKIN: After contact with skin, wash with plenty of water. (S26)  
 EYES: After contact with eyes, wash with plenty of water. (S28)  
 INHALATION: Remove to fresh air.  
 INGESTION: Do not induce vomiting. Never administer liquid to an unconscious victim. Rinse mouth with water. Drink 1 or 2 glasses of water. Seek medical advice.

## 5. Fire Fighting Measure

Flammable Properties:  
 Flash Point: 165°F (74°C), Tag Closed Cup  
 Flammability Class: Combustible (OSHA)  
 Extinguishing Media: Use water fog, 'alcohol foam', dry chemical or carbon dioxide to extinguish flames.  
 Unusual Fire And Explosion Hazards: Vapors are heavier than air, and may travel across the ground and reach remote ignition sources causing a flashback fire.  
 Special Fire Fighting Procedures: NIOSH-approved self-contained breathing apparatus. Cool containers exposed to intense heat with large quantities of water.

## 6. Accidental Release Measures

Spill And Leak Procedures: Small spills can be wiped up. Eliminate sources of ignition. Keep out of water sources and drains. Absorb with noncombustible sand or earth, and using non-sparking tools, transfer to disposal drums.

## 7. Handling And Storage

Handling Procedures: Avoid contact with eyes and skin. Avoid breathing fumes.  
 Storage Procedures: Keep away from heat, sparks and flame. Store in well-ventilated area in a tightly closed container.

## 8. Exposure Controls/ Personal Protection

Exposure Guidelines

Ingredient name	ACGIH TLV	OSHA PEL	WELS (UK)	I/BOELV(EU)	Other Limit
2-Butoxyethanol	121-mg/ m <sup>3</sup>	50 ppm (skin)	123 mg/ m <sup>3</sup>	Not listed	240-mg/ m <sup>3</sup>

Engineering Controls: Local exhaust is adequate.  
Personal Protective Equipment:  
 Skin Protection: Use gloves resistant to the material, like neoprene.  
 Eye Protection: Unnecessary under normal use, otherwise use safety glasses.  
**Respiratory Protection: Unnecessary under normal use, otherwise use a NIOSH-approved respirator**

## 9. Physical and Chemical Properties

Appearance:	Clear amber liquid	% VOC:	34%
Odor:	Citrus fragrance	Water Solubility:	78%
pH:	8	Vapor Pressure:	Not determined
Specific Gravity:	0.97-grams/ milliliter	Vapor Density:	Estimated greater than air
Evaporation Rate:	< 1 (n-Bu Acetate= 1)		

## 10. Stability And Reactivity

Chemical Stability:	Stable
Incompatibility:	Incompatible with strong oxidizing agents.
Hazardous Decomposition:	Oxides of carbon
Hazardous Polymerization:	Will not occur

## 11. Toxicological Information

Immediate (Acute) Effects:	Moderate eye irritant, mild skin irritant
Delayed (Sub-chronic And Chronic) Effects:	May cause sensitization by skin contact. Limonene will oxidize to sensitizing compounds when exposed to air, oxidizing agents, and heat. 2-Butoxyethanol may cause blood disorders if inhaled excessively. Ingredients are not listed as carcinogens by IARC, NTP, or OSHA.

## 12. Ecological Information

Ecotoxicological Information:	Limonene may be toxic to aquatic organisms if dumped into surface waters, rather than sewer (water treatment system).
Environmental Fate:	Readily biodegradable ingredients Ingredients are not expected to bioaccumulate.

## 13. Disposal Considerations

This material is not a hazardous waste defined by the U.S. Resource, Conservation and Recovery Act (RCRA), 40 CFR 261; however, only dispose of in accordance with applicable Federal, State and Local regulations.

## 14. Transportation Information

### DOT and TDG Classification:

DOT Proper Shipping Name:	ORM-D (Consumer Commodity)	UN/NA: Not applicable	Hazard Class: Not applicable
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## 15. Regulatory Information

### Inventory Status

USA (TSCA)	Listed	Australia (AICS)	Listed
Canada (DSL)	Listed	Korea (ECL)	Listed
Europe (EINECS/ ELINCS)	Listed	Philippines (PICCS)	Listed
Japan (ENCS)	Listed	China	Listed

### Additional Information

WHMIS Classification:	Class B: Combustible Material
SARA Title III:	Not applicable
CERCLA Reportable Quantities:	Not applicable
California Proposition 65:	This product is not subject to the reporting requirements.
State Right to Know:	Nothing outside of section 2

## 16. Other Information

HAZARD RATING	HMIS	NFPA
Health	1	1
Flammability	2	2
Physical Hazard	0	0
PPE	D	

This product is a commercial cleaning chemical for use by professionals.

R10

R36/38

R20/21/22-

EU Classification (per Chip Schedule 3); Xi Irritant N Dangerous for the Environment

Risk Phrases; Flammable (R10)

May cause sensitization by skin contact. (R43)

Irritating to eyes. (R36)

Irritating to skin. (R38)

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R50/53)

**Safety Phrases;** In case of contact with eyes, wash with plenty of water. (S26)

After contact with skin, wash with plenty of water (S28)

Avoid release to the environment. (S61)

## Safety Data Sheet

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