

1. Product and Manufacturer Identification

Product Name: **Prelim**
 Product Use: Pre-spray for upholstery fabric before cleaning
 Manufacturer: Von Schrader Company
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 Racine, WI 53403 USA
 Tel: 1-262-634-1956;
Emergency contact after hours: Marc @ 1-815-382-8238
 (8am-4:30pm CST) msiwek@hostdry.com
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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)	1/BOELV(EU)	Other Limit
2-Butoxyethanol	121-mg/ m ³	50 ppm (skin)	123 mg/ m ³	Not listed	240-mg/ m ³

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

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)

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

May cause sensitization by skin contact. (R43)

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

Irritating to eyes. (R36)

Avoid release to the environment. (S61)

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)

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