

## 1. Product and Manufacturer Identification

**Product Name:** Blockade Advanced Formula Carpet Protector  
**Product Use:** Professional carpet cleaning maintenance  
**Manufacturer:** Racine Industries, Inc.  
 1405 16th Street  
 Racine, WI 53403 USA  
 Tel: 1-262-637-4491;  
 1-800-558-9439  
 (8am-4:30pm CST)

**EU Contact:** Host UK Ltd t/a Host von Schrader  
 Unit 8 Parkway Business Centre  
 Sixth Avenue, Zone 2 Deeside Industrial Park  
 Deeside, CH5 2LD  
 Tel – 01244-289256 (8-5 GMT)  
**Email –** [info@hostvs.co.uk](mailto:info@hostvs.co.uk) **Web -** [www.hostvonschrader.co.uk](http://www.hostvonschrader.co.uk)

**Emergency contact after hours:** Marc @ 1-815-382-8238 / [msiwek@hostdry.com](mailto:msiwek@hostdry.com)  
 or Greg @ 1-262-681-7431

## 2. Hazard Identification

**Emergency Overview:** Irritating to eyes, respiratory system and skin. (R36/37/38)

**Potential Health Hazards:**

**SKIN:** Irritating to skin (R38).

**EYES:** Irritating to eyes. (R36).

**INHALATION:** Irritating to respiratory system. (R37) Inhalation of respirable particles of perfluorinated polymer may cause lung irritation effects with cough, discomfort, difficulty breathing, and moderate shortness of breath, followed in hours by severe shortness of breath requiring prompt medical attention.

**INGESTION:** Ingestion may cause gastrointestinal irritation.

**ENVIRONMENT:** Limited hazard--inert polymeric ingredients.



## 3. Composition/ Information On Hazardous Ingredients

Ingredient Name	CAS/EC #	Weight %	Risk (see sections 3 and 16)
Perfluorinated polymer	-----	<5%	Xi, R36/37/38

## 4. First Aid Measures

**SKIN:** After contact with skin, rinse with plenty of water. (S28)

**EYES:** In case of contact with eyes, rinse immediately with water, and seek medical advice. (S26)

**INHALATION:** In case of accidental inhalation, remove to fresh air, and keep at rest. (S63) If breathing is difficult, seek medical advice.

**INGESTION:** If swallowed, do not induce vomiting; seek medical advice immediately and show this MSDS. (S62)

## 5. Fire Fighting Measure

**Flammable Properties:**

**Flash Point:** >210°F Tag Closed Cup

**Extinguishing Media:** Use extinguishing media appropriate for material in surrounding fire.

**Unusual Fire And Explosion Hazards:** Combustion by-products include carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles. These products may cause severe eye, nose and throat irritation or toxic effects.

**Special Fire Fighting Procedures:** Wear full protective equipment. Wear self-contained breathing apparatus.

## 6. Accidental Release Measures

**Spill And Leak Procedures:** Prevent material from entering storm sewers or waterways. Absorb with an inert absorbent. Shovel into an appropriate container.

## 7. Handling And Storage

**Handling Procedures:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid inhalation of respirable particles. Avoid circumstances that produce respirable particles, unless suitable ventilation and respirator are used.

**Storage Procedures:** Keep container tightly closed. Keep from freezing.

## 8. Exposure Controls/ Personal Protection

### Exposure Guidelines

Ingredient name	ACGIH TLV	OSHA PEL	I/BOELV(EU)	WEL(UK)	OTHER LIMIT*
Fluorinated polymer	Not Listed	Not Listed	Not Listed	Not Listed	0.1 mg/m <sup>3</sup> , 8 Hr. & 12 Hr., TWA (respirable aerosol particles)

**Engineering Controls:** Use only with adequate ventilation. Do not aerosolize. In spray applications, use airless type pressure spray equipment\*\* at less than 60 psi to minimize worker exposure to mists and over spray. \*\* "Garden-type" pump sprayers with tip orifices of 0.031 in. (0.79mm) or larger keep respirable particles below exposure limits, under normal conditions.

### Personal Protective Equipment:

**Skin and Eye Protection:** Wear suitable protective clothing, gloves, and eye protection. (S36/37/38)

**Respiratory Protection:** Do not breathe mist. (S23) Use only appropriate sprayer (above).

\*Based on related perfluorinated compounds

## 9. Physical And Chemical Properties

Appearance: Opaque liquid  
 Odor: Faint ketone  
 pH: 4-5  
 Specific Gravity: 1.03  
 Water Solubility: Dispersible  
 % VOC: 0

## 10. Stability And Reactivity

Chemical Stability: Stable at normal temperature and storage conditions.  
 Incompatibility: Incompatible with cationics and mineral acids.  
 Hazardous Decomposition: Combustion by-products include carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles.  
 Hazardous Polymerization: Will not occur

## 11. Toxicological Information

Immediate (Acute) Effects: No data for mixture.  
 Fluorinated polymer: Not an irritant. Low oral toxicity; ALD (Rat) >11,000mg/kg  
 Inhalation 4 Hr. ALC (Rat) >1300mg/m<sup>3</sup> in Rats (respirable particles)  
 Delayed (Sub-chronic And Chronic) Effects: None known. Ingredients are not sensitizers, or listed as carcinogens by IARC, NTP, OSHA, or ACGIH.

## 12. Ecological Information

Ecotoxicological Information: No data for mixture. Ingredients are polymeric and considered inert.  
 Environmental Fate: No data for mixture. Ingredients are polymeric and considered inert.

## 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:

Proper Shipping Name: ORM-D (Consumer Commodity)      UN/NA: Not applicable      Hazard Class: Not applicable

## 15. Regulatory Information

### Inventory Status

USA (TSCA) Listed

### Additional Information

WHMIS Classification: Not controlled under WHMIS  
 SARA Title III: Acute Hazard  
 CERCLA Reportable Quantities: Not applicable  
 California Proposition 65: This product is not subject to the reporting requirements.  
 States' Right to Know: Nothing outside of section 2.

## 16. Other Information

HAZARD RATING	HMIS	NFPA
Health	2	2
Flammability	0	0
Physical Hazard	0	0
PPE	F	

This product is a commercial carpet treatment chemical for use by professionals.

EU Classification: Xi, Irritant  
 Risk Phrases: R36/37/38 Irritating to eyes, respiratory system and skin.  
 Safety Phrases: S28 After contact with skin, rinse with plenty of water.  
 S26 In case of contact with eyes, rinse immediately with water and seek medical advice.  
 S63 In case of accidental inhalation, remove to fresh air, and keep at rest.  
 S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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