

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **BLOCKADE® Advanced Formula Carpet Protector Concentrate**

Product category : Commercial cleaning chemical for professional use.

Product usage : Product is diluted in water (1 part BLOCKADE® to 2-4 parts water) and sprayed on freshly cleaned carpet to protect fibers from wet and dry soil.

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.
 Unit 8, Parkway Business Centre
 Sixth Avenue, Zone 2, Deeside Industrial Park
 Deeside CH5 2LD
 Tel: 01244 289256 (8am-5pm GMT)
 Email: info@hostvs.co.uk
 Web: www.hostvonschrader.co.uk

Emergency contacts after hours : Greg Botting @ 1-262-681-7431
 Geoff Rench @ 1-262-632-2220

2. HAZARDS IDENTIFICATION

OSHA/HCS status : This material is considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 and EU CLP Regulation (EC) No. 1272/2008.

Hazard classifications : Serious eye damage/eye irritation Category 2
 Specific target organ toxicity, single exposure;
 Respiratory tract irritation Category 3
 Skin corrosion/irritation Category 2

GHS LABEL ELEMENTS

Hazard pictograms : Exclamation Mark (GHS07)



Signal word : **WARNING**

Hazard statements : Irritating to eyes, respiratory system, and skin. (H319+335+315)

PRECAUTIONARY STATEMENTS

Prevention : Avoid breathing dust/fumes/gas/mist/vapors/spray. (P261)
 Wash skin thoroughly after handling. (P264)
 Use only outdoors or in a well-ventilated area. (P271)
 Wear protective gloves/protective clothing/eye protection/face protection. (P280)

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. (P305+351+338)
 If eye irritation persists, get medical advice/attention. (P337+313)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+340)
 Call a POISON CENTER or doctor if you feel unwell. (P312)

2. HAZARDS IDENTIFICATION (cont.)

- Response (cont.)** : IF ON SKIN: Wash with plenty of water. (P302+352)
If skin irritation or a rash occurs, get medical advice/attention. (P332/333+313)
Take off contaminated clothing. (P362)
- Storage** : Store in a well ventilated place. (P403)
Keep container tightly closed. (P233)
Store locked up. (P405)
- Disposal** : Dispose of contents/container in accordance with local, state, and federal laws. (P501)
- Hazards not otherwise classified (HNOC)** : 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 may cause gastrointestinal irritation.

3. COMPOSITION / INGREDIENTS

<u>Hazardous ingredients</u>	<u>CAS#</u>	<u>EC#</u>	<u>Weight %</u>	<u>GHS Hazard Class (see Sec. 16)</u>
Perfluorinated polymer	-----	-----	<5%	H319+335+315

4. FIRST-AID MEASURES

- Skin contact** : See section 2
- Inhalation** : See section 2
- Eye contact** : See section 2
- Ingestion** : See section 2

5. FIRE-FIGHTING MEASURES

- Flash point** : >210°F (TCC)
- Extinguishing media** : Use extinguishing media appropriate for material in surrounding fire.
- Unusual fire/explosion hazards:** Combustion byproducts include carbon dioxide, carbon monoxide, hydrogen fluoride, and toxic gases or particles. These products may cause severe eye, nose, and throat irritation or toxic effects.
- Special fire-fighting procedures:** Wear full protection equipment and 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** : Avoid contact with eyes, skin, and clothing. Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used. Avoid inhalation of particles.
- Storage** : Keep container tightly closed. Keep from freezing.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS**Exposure Guidelines:**

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

Engineering control : 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. (0.79 mm) or larger keep respirable particles below exposure limits under normal conditions.

Personal protective equipment

Skin & eye protection : Wear suitable protective clothing, gloves, and eye protection.

Respiratory protection : Do not breathe mist. Use only with appropriate sprayer (above).

*Based on related perfluorinated compounds

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: opaque liquid	Odor	: faint ketone
pH	: 4.0-5.0	VOC content	: 0%
Specific gravity	: 1.03	Water solubility	: dispersible

10. STABILITY AND REACTIVITY

Chemical stability : Stable at normal temperature and storage conditions.

Incompatibility : Incompatible with cationics and mineral acids.

Hazardous decomposition : Combustion byproducts 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: LD₅₀ (rat) > 11,000 mg/kg
Low inhalation toxicity: LC₅₀ (rat) > 1,300 mg/m³

Delayed effects : None known. Ingredients are not sensitizers, nor listed as carcinogens by IARC, ATP, OSHA, or ACGIH.

12. ECOLOGICAL INFORMATION

Ecotoxicological information : No data for mixture. Ingredients are polymeric and considered inert.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION**DOT and TDG Classification**

Proper shipping name : ORM-D (Consumer Commodity) UN/NA: NA Hazard Class: NA

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

HMIS® (Hazardous Materials Identification System)	
Health	2
Flammability	2
Physical Hazard	0
Personal protective equipment (PPE): (Safety glasses, gloves, synthetic apron, dust respirator.)	F

0 = not significant, 1 = slight, 2 = moderate, 3 = serious, 4 = severe, * = chronic

GHS Hazard Class definitions from section 3:

H319+335+315 : Irritating to eyes, respiratory system, and skin.

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