

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Grease Lightning Restaurant Carpet Detergent

Product category : Commercial cleaning chemical for professional use.

Product usage : Product concentrate is diluted 4 to 6 oz. per gallon water. It is used to clean carpet with extreme soiling conditions such as deeply embedded cooking grease or ground-in oily dirt.

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)** : None known.

3. COMPOSITION / INGREDIENTS

<u>Hazardous ingredients</u>	<u>CAS#</u>	<u>EC#</u>	<u>Weight %</u>	<u>GHS Hazard Class (see Sec. 2)</u>
Sodium lauryl sulfate	151-21-3	205-788-1	<20	H319+335+315
Acrylic copolymer	NA	NA	<5	H319+335+315

4. FIRST-AID MEASURES

- Skin contact** : Take off contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs, get medical advice/attention.
- Inhalation** : Exposure unlikely when used as directed. Remove to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.
- Ingestion** : Not expected as a significant exposure route. Drink plenty of water. Get medical attention if Irritation persists.

5. FIRE-FIGHTING MEASURES

- Flash point** : Noncombustible.
- Extinguishing media** : Use extinguishing media appropriate for material in surrounding fire.
- Unusual fire/explosion hazards:** None known.
- Special firefighting procedures:** As a general precaution, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Spill and leak procedures** : Absorb with an inert absorbent. Shovel up into appropriate container. Use a water rinse for final cleanup. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

- Handling procedures** : Avoid prolonged contact with eyes and skin by wearing protective gloves, clothing, and eyewear. Wash skin thoroughly after handling. Use only outdoors or in a well ventilated area.
- Storage procedures** : Keep container tightly closed in a well ventilated, locked location. Avoid freezing and excessive heat.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

- Exposure guidelines** : There are no known harmful effects from repeated, long-term exposure.
- Engineering controls** : Use general ventilation. Local exhaust is suggested for use in enclosed or confined spaces.

Personal protective equipment

- Skin & eye protection** : Wear suitable protective clothing, gloves, and eye protection.
- Respiratory protection** : No special requirements under normal use conditions.
- Additional advice** : None.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|-------------------------|------------------------------|-------------------------|------------------------|
| Appearance | : clear, light yellow liquid | Odor | : slight chemical odor |
| pH | : 8.5 | VOC content | : 0% |
| Specific gravity | : 1.0 | Water solubility | : complete |
| Boiling point | : ~212°F (100°C) | | |

10. STABILITY AND REACTIVITY

- Chemical stability** : Stable.
- Incompatibility** : None known.
- Hazardous decomposition** : Thermal decomposition may yield ammonia, nitrous oxides, carbon, carbon monoxide, and carbon dioxide.
- Hazardous polymerization** : Will not occur.

11. TOXICOLOGICAL INFORMATION

- Immediate (acute) effects** : Based on CHIP schedule 3 (EU) calculation of ingredient hazards, the mixture is a skin, eye, and respiratory irritant.
- Delayed effects** : None known.

12. ECOLOGICAL INFORMATION

- Ecotoxicological information** : No data for product; components exhibit moderate toxicity to fish (manufacturers, CESIO[2003])
- Environmental Fate**
- Mobility** : Components are 100% water-soluble, except for inert polymer.
- Persistence** : Components meet EU biodegradability standards.
- Bioaccumulative potential** : None known for any of the components (CESIO [2003])

13. DISPOSAL CONSIDERATIONS

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

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

Proper shipping name : Non-hazardous UN/NA: NA Hazard Class: NA

15. REGULATORY INFORMATION

Inventory status

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

Additional information

- DOT (Canada and US) : No special labeling.
- Canadian WHMIS : Not a controlled substance; no special labeling.
- Canadian Consumer Regulations : Not a regulated substance; no special labeling.
- California Proposition 65 : Not applicable.
- States' Right to Know : No special labeling required.
- EU Regulations : Not a dangerous preparation; no special labeling required.
- CERCLA Reportable Quantities : Not applicable
- SARA Title III : Not applicable

16. OTHER INFORMATION

HMIS® (Hazardous Materials Identification System)	
Health	1
Flammability	0
Physical Hazard	0
Personal protective equipment (PPE): (Safety glasses, gloves)	B

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

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