

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	: Enzyme Detergent	
Product category	: Commercial cleaning chemical for professional use.	
Product usage	: Powder is dissolved in warm water to help break down protein-based soils on carpet and upholstery.	
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 not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
Label Elements	: This product is not classified as hazardous in accordance with EU CLP Regulation (EC) No. 1272/2008.
Hazards not otherwise classified (HNOC)	: None known.

3. COMPOSITION / INGREDIENTS

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

4. FIRST-AID MEASURES

Skin contact	: Wash off immediately with soap and water. Remove all contaminated clothes and shoes.
Inhalation	: Remove to fresh air.
Eye contact	: Rinse with water. Remove contact lenses if present and easy to do so. Consult a doctor if irritation occurs.
Ingestion	: Rinse mouth with water; do not induce vomiting. Seek medical advice if large quantity has been swallowed.

5. FIRE-FIGHTING MEASURES

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Wear personal protective equipment. Dike to collect large liquid spills. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

- Handling** : Wear personal protective equipment. When using, do not eat, drink, or smoke.
- Storage** : Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry, cool place.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

- Engineering measures** : Ensure adequate ventilation, especially in confined areas.
- Eye/Face Protection** : Safety glasses with side-shields.
- Skin and body protection** : Long-sleeved clothing.
- Respiratory protection** : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- Hygiene measures** : See section 7 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|-----------------------|-------------|--------------------|----------|
| Physical state | : solid | Odor | : citrus |
| Appearance | : powder | pH | : 9.2 |
| Color | : off-white | VOC content | : <2% |

10. STABILITY AND REACTIVITY

- Chemical stability** : Stable under normal conditions.
- Incompatibility** : None known.
- Hazardous decomposition** : Carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides (NO_x), dense black smoke.

11. TOXICOLOGICAL INFORMATION

- Immediate (acute) effects** : Eye irritation. Irritating to respiratory system and skin.
- LD₅₀ (oral)** : 3,221.00 mg/kg
- LD₅₀ (dermal)** : 13,654.00 mg/kg
- LC₅₀ (vapor)** : 1,370.55 mg/L

12. ECOLOGICAL INFORMATION

- Ecotoxicity** : No information available. 98.11174% of the mixture consists of components of unknown hazards to the aquatic environment.
- Bioaccumulative potential** : Discharge into the environment must be avoided.

13. DISPOSAL CONSIDERATIONS

No special precautions necessary. Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

- DOT** : Not regulated
- MEX** : Not regulated

14. TRANSPORT INFORMATION (cont.)

IMDG : Not regulated

IATA : Not regulated

15. REGULATORY INFORMATION

International Inventory status

- USA (TSCA) : Complies
- Canada (DSL) : Complies
- Europe (EINECS/ELINCS) : Complies
- Philippines (PICCS) : Complies
- Japan (ENCS) : Complies
- China (IECSC) : Complies
- Korea (KECL) : Complies
- Australia (AICS) : Complies
- New Zealand (NZIoC) : Complies

U.S. Federal Regulations

SARA Title III : This product does not contain any chemicals that are subject to the reporting requirements.

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

- 1,4-dioxane (123-91-1) Carcinogen
- Acetaldehyde (75-07-0) Carcinogen
- Ethylene oxide (75-21-8) Carcinogen; Developmental; Female & Male Reproductive

16. OTHER INFORMATION

HMIS® (Hazardous Materials Identification System)	
Health	0
Flammability	0
Physical Hazard	0
Personal Protective Equipment (PPE)	X

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

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