

## 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.** Telephone:  
1405 16th Street 1-262-637-4491  
Racine, WI 53403 USA 1-800-558-9439 (8am-4:30pm CST)

**Emergency contacts after hours** : Geoff Rench: 1-262-632-2220  
Geoff Greeley: 1-262-497-4158

## 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

**Flash point** : Noncombustible

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

**Unusual fire/explosion hazards** : None known.

**Special firefighting procedures** : Wear NIOSH-approved self-contained breathing apparatus.

## 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

**10. STABILITY AND REACTIVITY**

- Chemical stability** : Stable under normal conditions.
- Incompatibility** : None known.
- Hazardous decomposition** : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), nitrogen oxides (NO<sub>x</sub>), dense black smoke.

**11. TOXICOLOGICAL INFORMATION**

- Immediate (acute) effects** : Eye irritation. Irritating to respiratory system and skin.
- LD<sub>50</sub> (oral)** : 3,221.00 mg/kg
- LD<sub>50</sub> (dermal)** : 13,654.00 mg/kg
- LC<sub>50</sub> (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**

	<b>DOT (Domestic Surface)</b>	<b>IMO/IMDG (Ocean)</b>	<b>ICAO/IATA (Air)</b>
<b>UN Number</b>	: Not applicable.	Not applicable.	Not applicable.
<b>UN proper shipping name</b>	: Not applicable.	Not applicable.	Not applicable.
<b>Transport hazard class(es)</b>	: <b>DOT Hazard Class:</b> N/A <b>DOT Label:</b> N/A	<b>IMDG:</b> N/A <b>Sub Class:</b> N/A	<b>Air Class:</b> N/A
<b>Packing group</b>	: Not applicable.	Not applicable.	Not applicable.
<b>Environmental Hazards</b>			
<b>IMDG Marine Pollutant</b>	: No.		
<b>Special precautions</b>	: No further information.		

**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**

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

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

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