

### OptiShield All Fiber Rinse

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** OptiShield All Fiber Rinse  
**Common Name:** Carpet Extraction Rinse  
**SDS Number:** 129998-SDS  
**Product Code:** 129998  
**Revision Date:** 7/1/2025  
**Version:** 1  
**Product Use:** Use only as directed  
**Instructions:** Professional Use Only  
**Supplier Details:** EXTRACTION ZONE  
 PO Box 262  
 Strasburg, CO 80136  
**Contact:** Customer Service  
**Phone:** 720.374.2375  
**Web:** [www.extractionzone.com](http://www.extractionzone.com)  
**Emergency:** Infotrac 1-800-535-5053 (North America) 1-352-323-3500 (International)

## 2 HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 2 B  
 Health, Acute toxicity, 4 Dermal

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H320 - Causes eye irritation  
 H312 - Harmful in contact with skin

#### GHS Precautionary Statements:

P103 - Read label before use.  
 P102 - Keep out of reach of children.  
 P280 - Wear protective gloves/ eye protection/ face protection.  
 P331 - Do NOT induce vomiting.  
 P101 - If medical advice is needed, have product container or label at hand.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 - If eye irritation persists: Get medical advice/ attention.  
 P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water.  
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P314 - Get medical advice/attention if you feel unwell.

## 3 COMPOSITION/INFORMATION OF INGREDIENTS

### Chemical Ingredients

CAS#	%	Chemical Name
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## OptiShield All Fiber Rinse

77-92-9	1-5%	1,2,3-Propanetricarboxylic acid, 2-hydroxy-
68-04-2	1-5%	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt

## 4 FIRST AID MEASURES

<b>Inhalation:</b>	Not expected to be an inhalation hazard.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Eye Contact:</b>	Flush with large amounts of water.
<b>Ingestion:</b>	Do not induce vomiting. Seek immediate medical attention. Rinse mouth with water.

## 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	This material is not flammable
<b>Flash Point:</b>	Not Flammable
<b>Flash Point Method:</b>	Calculation
Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special Hazards: None known.	
Protective Equipment: Wear self-contained breathing apparatus if necessary.	

## 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Soak up with inert absorbent material and dispose of as hazardous waste

## 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Measures to prevent fire as well as aerosol and dust generation.  Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.  Warning Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.  Advice on general occupational hygiene Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.
<b>Storage Requirements:</b>	Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION



## OptiShield All Fiber Rinse

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).  
Store in a cool dry area.

**Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear green/yellow Liquid		
<b>Physical State:</b>	Liquid	<b>Odor:</b>	Fresh
<b>Odor Threshold:</b>	No data available		
		<b>Solubility:</b>	Completely Soluble in water
<b>Spec Grav./Density:</b>	1.039 +/- .005		
<b>Viscosity:</b>	water thin	<b>Percent Volatile:</b>	None
<b>Boiling Point:</b>	Approximately 100° C / 212° F	<b>Freezing/Melting Pt.:</b>	No data available
<b>Flammability:</b>	Not Flammable	<b>Flash Point:</b>	no flash point. not flammable, not combustible
<b>Partition Coefficient:</b>	No data available		
<b>Vapor Pressure:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>pH:</b>	4.5 +/- .5	<b>VOC:</b>	None
<b>Evap. Rate:</b>	No data available		
		<b>Auto-Ignition Temp:</b>	No data available
<b>Decomp Temp:</b>	No data available	<b>UFL / LFL:</b>	No data available

**10 STABILITY AND REACTIVITY**

**Reactivity:** None under normal processing

**Chemical Stability:** Product is stable under normal conditions.

**Conditions to Avoid:** Excessive heat: Prolonged exposure to high temperatures may degrade the product or cause container deformation.  
Freezing temperatures: May cause separation or reduced effectiveness.  
Direct sunlight: Can accelerate degradation of citric acid over time.  
Contamination: Introducing incompatible substances (e.g., strong bases or oxidizers) may lead to unwanted reactions.

**Materials to Avoid:** Strong Oxidizing; Agents. Strong Bases,

**Hazardous Decomposition:** Oxides of Carbon. May emit fumes under fire conditions.

**Hazardous Polymerization:** Will not occur.

**11 TOXICOLOGICAL INFORMATION****Toxicity Data:**

Eye Effects:	Not Known.
Skin Effects:	Not Known.
Accute Inhalation Effects:	Not Known.
Chronic Effects:	Not Known.
Carcinogenicity:	Not Known.



### OptiShield All Fiber Rinse

Mutagenicity: Not Known.  
Teratogenicity: Not Known.

## 12 ECOLOGICAL INFORMATION

1,2,3-Propanetricarboxylic acid, 2-hydroxy- cas#:(77-92-9)

Information on ecological effects

Toxicity:

Toxicity to fish mortality LC50 - *Leuciscus idus melanotus* - 440 mg/l - 48 h.  
(OECD Test Guideline 203)

Toxicity to daphnia and static test - *Daphnia magna* (Water flea) - 1,535 mg/l - 24 h.  
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

## 13 DISPOSAL CONSIDERATIONS

This material is not considered hazardous waste.

## 14 TRANSPORT INFORMATION

not regulated

## 15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

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[1-5%] 1,2,3-Propanetricarboxylic acid, 2-hydroxy- (77-92-9) TSCA, TSCAACTV

[1-5%] 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt (68-04-2) TSCA, TSCAACTV

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

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TSCA = Toxic Substances Control Act

TSCAACTV = TSCA Active Chemicals

## 16 OTHER INFORMATION



### OptiShield All Fiber Rinse

HMIS III: Health = 0, Fire = 0, Physical Hazard = 0  
HMIS PPE: B - Safety Glasses, Gloves

HMIS		
HEALTH	<input type="checkbox"/>	0
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text.

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