

### OptiShield Clarity Rinse

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** OptiShield Clarity Rinse  
**Common Name:** Carpet Extraction Detergent  
**SDS Number:** 129997-SDS  
**Product Code:** 129997  
**Revision Date:** 8/12/2025  
**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, Skin sensitization, 1  
 Health, Serious Eye Damage/Eye Irritation, 2 A  
 Health, Skin corrosion/irritation, 2

### GHS Label Elements, Including Precautionary Statements

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

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H315 - Causes skin irritation

#### GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.  
 P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P363 - Wash contaminated clothing before reuse.  
 P501 - Dispose of contents/ container to an approved waste disposal plant.

## 3 COMPOSITION/INFORMATION OF INGREDIENTS

This material is considered hazardous by the OSHA Hazardous Communication Standard (29 CFR 1910.1200)

### Chemical Ingredients

CAS#	%	Chemical Name
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## OptiShield Clarity Rinse

64-02-8	1-5%	Chelating Agent
68551-22-4	10-20%	Alkenes, C24-28 .alpha.-, polymers with acrylic acid
5989-27-5	.2-1%	d-Limonene

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4 FIRST AID MEASURES

<b>Inhalation:</b>	If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.
<b>Skin Contact:</b>	Promptly flush skin with water until all chemical is removed. If irritation persists get medical attention.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists
<b>Ingestion:</b>	Rinse mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

## 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non-Flammable
<b>Flash Point:</b>	> 94 C
<b>Flash Point Method:</b>	Calculation
Use water spray, fog, carbon dioxide (CO2), foam or dry chemical. Wear appropriate PPE for fire suppression.	

## 6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

## 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	KEEP MATERIAL OUT OF REACH OF CHILDREN For Professional Use Only Wash clothing before reuse and decontaminate or discard contaminated shoes. Use personal protective equipment. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.
<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

<b>Engineering Controls:</b>	All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Keep in a cool ventilated area.
<b>Personal Protective Equipment:</b>	HMIS PP, B   Safety Glasses, Gloves HMIS PP, A   Safety Glasses
Do not eat, drink or smoke when using this product. Practice good personal hygiene. Wash after handling	

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear Colorless Liquid
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## OptiShield Clarity Rinse

Physical State:	Liquid	Odor:	Citrus
Odor Threshold:	No data available	Solubility:	Completely Soluble
Spec Grav./Density:	1.030 +/-0.005		
Viscosity:	0 cP	Percent Volatile:	< 1.0%
Boiling Point:	Approximately 100° C / 212° F	Freezing/Melting Pt.:	32C (0F)
Flammability:	Not Flammable	Flash Point:	No Flash - Non-Flammable
Partition Coefficient:	No data available		
Vapor Pressure:	No data available	Vapor Density:	No data available
pH:	10.5 +/- .5	VOC:	<1.0%
Evap. Rate:	No data available	Auto-Ignition Temp:	No data available
Decomp Temp:	No data available	UFL / LFL:	No data available

## 10 STABILITY AND REACTIVITY

Reactivity:	None under normal processing
Chemical Stability:	Product is stable under normal conditions.
	Avoid heat and direct sunlight.
Conditions to Avoid:	No information available
Materials to Avoid:	None known based on the information provided
Hazardous Decomposition:	Oxides of Carbon.
Hazardous Polymerization:	Not Known

## 11 TOXICOLOGICAL INFORMATION

d-Limonene cas#:(5989-27-5)

## Information on toxicological effects

## Acute toxicity:

LD50 Oral - rat - 4,400 mg/kg Remarks: Behavioral:Change in motor activity (specific assay). Respiratory disorder Skin and Appendages: Other: Hair. Inhalation: Irritating to respiratory system.

LD50 Dermal - rabbit - > 5,000 mg/kg  
no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: May cause sensitisation by skin contact.

Germ cell mutagenicity: no data available

## Carcinogenicity:

Carcinogenicity - rat - Oral:



### OptiShield Clarity Rinse

**Tumorigenic:** Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder: Kidney tumors. Tumorigenic Effects: Testicular

**Carcinogenicity - mouse - Oral:**

**Tumorigenic:** Equivocal tumorigenic agent by RTECS criteria. Gastrointestinal: Tumors.

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

**IARC:** 3 - Group 3: Not classifiable as to its carcinogenicity to humans (D-Limonene)

**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity - single exposure:** no data available

**Specific target organ toxicity - repeated exposure:** no data available

**Aspiration hazard:** no data available

**Additional Information:**

**RTECS:** GW6360000

**Liver - Irregularities - Based on Human Evidence**

## 12 ECOLOGICAL INFORMATION

**d-Limonene cas#:** (5989-27-5)

**Information on ecological effects**

**Toxicity:**

**Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 0.702 mg/l - 96.0 h.**

**Toxicity to daphnia and EC50 - Daphnia pulex (Water flea) - 69.6 mg/l - 48 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:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

## 13 DISPOSAL CONSIDERATIONS

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**Waste treatment methods**

**Product:** Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material



### OptiShield Clarity Rinse

is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

#### 14 TRANSPORT INFORMATION

Not regulated by DOT

#### 15 REGULATORY INFORMATION

	Chelating Agent	Alkenes, C24-C28, Alpha-, Polymers	d-Limonene	Proprietary
CAS #	64-02-8	68551-22-4	5989-27-5	CBI
Percent Range	1.0% - 5.0%	10.0% - 20%	0.2% - 1.0%	5% - 10%
TSCA	Registered	Registered	Registered	Registered
SARA 302/304	Not Applicable	Not Applicable	Not Applicable	Not Applicable
SARA 311/312	Yes, eye irritant and skin irritant	Yes, eye irritant and skin irritant	Yes, Flammable Liq., Eye, skin, aspiration hazard. RQ 10,000 lbs	Not Applicable
SARA 313	Not Applicable	Not Applicable	Not Applicable	Not Applicable
CERCLA	Not Applicable	Not Applicable	Not Applicable	Not Applicable
RCRA	Product not considered RCRA Hazard			

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

#### Regulatory Code Legend

TSCA = Toxic Substances Control Act  
TSCAACTV = TSCA Active Chemicals  
TSCAINAC = TSCA Inactive Chemicals

#### 16 OTHER INFORMATION

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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