



SAFETY DATA SHEET

ProRinse™

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200.

1. Identification

Product identifier

Product name ProRinse™

Product number PRR128, PRR050, PRR150, PRR275

Recommended use of the chemical and restrictions on use

Application Concentrated Rinse Agent.

Details of the supplier of the safety data sheet

Manufacturer MICROCARE, LLC
6120 E 58th Ave
Commerce City, CO 80022
United State of America
www.microcare.com/certol
Tel: +1 303 799 9401 Toll Free +1 800 843 3343

Emergency telephone number

Emergency telephone INFOTRAC 1-800-535-5053 (U.S.A. and CANADA)
1-352-323-3500 (from anywhere in the world)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Eye Irrit. 2A - H319

Environmental hazards Aquatic Chronic 3 - H412

Label elements

Hazard symbols



Signal word Warning

Hazard statements H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	P264 Wash contaminated skin thoroughly after handling.
	P270 Do not eat, drink or smoke when using this product.
	P273 Avoid release to the environment.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.
	P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P330 Rinse mouth.
	P337+P313 If eye irritation persists: Get medical advice/ attention.
Contains	P501 Dispose of contents/ container in accordance with national regulations.

Poly(oxy-1,2-ethanediyl), alpha-(phenylmethyl)-omega-(1,1,3,3-tetramethylbutyl)phenoxy-, Polyethylene glycol octylphenyl ether

3. Composition/information on ingredients

Mixtures

Poly(oxy-1,2-ethanediyl), alpha-(phenylmethyl)-omega-(1,1,3,3-tetramethylbutyl)phenoxy- CAS number: 60864-33-7	30-60%
Isopropyl Alcohol CAS number: 67-63-0	10-30%
Polyethylene glycol octylphenyl ether CAS number: 9036-19-5	1-5%

Composition

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately. Do not induce vomiting.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if any discomfort continues. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation.
Ingestion	Harmful if swallowed.
Skin contact	Causes mild skin irritation.
Eye contact	Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed

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Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media None known.

Special hazards arising from the substance or mixture

Specific hazards None known.

Advice for firefighters

Protective actions during firefighting As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. Take care as floors and other surfaces may become slippery.

For non-emergency personnel Restrict access to spill area. Ventilate area.

Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb with inert material. Small quantities may be flushed to drains with plenty of water. Dike to collect large liquid spills.

7. Handling and storage

Precautions for safe handling

Usage precautions For personal protection, see Section 8. Wash hands thoroughly after handling. Avoid contact with skin. Do not eat, drink or smoke when using this product. Keep out of the reach of children. Do not handle until all safety precautions have been read and understood. Do not breathe gas, fume, vapours or spray. Use only in well-ventilated areas.

Advice on general occupational hygiene Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10).

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Isopropyl Alcohol

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 492 mg/m³

Short-term exposure limit (15-minute): ACGIH 400 ppm 984 mg/m³

A4

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OSHA = Occupational Safety and Health Administration.
 ACGIH = American Conference of Governmental Industrial Hygienists.
 A4 = Not Classifiable as a Human Carcinogen.

Exposure controls

Appropriate engineering controls	Provide eyewash station.
Eye/face protection	Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practices.
Respiratory protection	No specific requirements are anticipated under normal conditions of use. A mask or respirator may be used if vapor concentration is high.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear.
Odor	Odorless.
pH	pH (concentrated solution): 5.0-7.0
Melting point	0°C/32°F
Initial boiling point and range	85°C/185°F
Flash point	The product is not flammable.
Evaporation rate	< 1
Flammability (solid, gas)	N/A-liquid
Vapor pressure	No specific test data are available.
Vapor density	> 1
Relative density	1.025 @ 15.5°C/60°F
Solubility(ies)	Completely soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

10. Stability and reactivity

Reactivity	Not reactive under normal conditions.
Stability	Stable under the prescribed storage conditions.

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Possibility of hazardous reactions	None known.
Conditions to avoid	Stable under the prescribed storage conditions.
Materials to avoid	None known.
Hazardous decomposition products	None known.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 1,128.81

Inhalation	May be harmful if inhaled.
Ingestion	Harmful if swallowed.
Skin Contact	May be slightly irritating to skin.
Eye contact	Causes serious eye irritation.
Route of exposure	Inhalation Skin and/or eye contact Ingestion

Toxicological information on ingredients.

Poly(oxy-1,2-ethanediyl), alpha-(phenylmethyl)-omega-(1,1,3,3-tetramethylbutyl)phenoxy-

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Isopropyl Alcohol

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 16,000.0

ATE inhalation (vapours mg/l) 16,000.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

NTP carcinogenicity Not listed.

OSHA Carcinogenicity Not listed.

Polyethylene glycol octylphenyl ether

Acute toxicity - oral

ATE oral (mg/kg) 500.0

12. Ecological information

Ecological information on ingredients.

ProRinse™**Isopropyl Alcohol****Acute aquatic toxicity**

Acute toxicity - fish	LC ₅₀ , 96 hours: 9,640 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 5102 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 72 hours: >2,000 mg/l, Algae

Bioaccumulative potential

Partition coefficient Not available.

Ecological information on ingredients.**Isopropyl Alcohol**

Partition coefficient : 0.05

13. Disposal considerations**Waste treatment methods**

General information	The generation of waste should be minimized or avoided wherever possible.
Disposal methods	Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with regional regulations. Dispose of contents/container in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.

14. Transport information**UN Number**

UN No. (DOT) Not applicable.

UN proper shipping name

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)**DOT transport labels**

No transport warning sign required.

Packing group

DOT packing group Not applicable.

Special precautions for user

DOT reportable quantity Not applicable.

DOT TIH Zone Not applicable.

15. Regulatory information**US Federal Regulations****SARA (311/312) Hazard Categories**

Acute

US State Regulations

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California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed:

Isopropyl Alcohol

California Directors List of Hazardous Substances

The following ingredients are listed:

Isopropyl Alcohol

Massachusetts "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

Rhode Island "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

Minnesota "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

New Jersey "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

Pennsylvania "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

Inventories

Canada - DSL/NDSL

DSL

US - TSCA

All the ingredients are listed or exempt.

16. Other information

Revision date	9/15/2022
Revision	4
Supersedes date	9/15/2022
SDS No.	DETERGENT-PRR-I04
Hazard statements in full	H302 Harmful if swallowed. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
NFPA - health hazard	Irritation, minor residual injury. (1)
NFPA - flammability hazard	Will not burn. (0)
NFPA - instability hazard	Normally stable. (0)
NFPA - special hazard	N/A

ProRinse™

This 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.