

SAFETY DATA SHEETS

This SDS packet was issued with item:

072264133

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070920728



SAFETY DATA SHEET

Prospray™

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

1. Identification

Product identifier

Product name Prospray™

Product number PSC16OZ, PSC240, PSC128, PSC050

Recommended use of the chemical and restrictions on use

Application Ready to Use Surface Disinfectant

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 Not Classified

Label elements

Hazard statements NC Not Classified

3. Composition/information on ingredients

Mixtures

o-phenylphenol	<1%
CAS number: 90-43-7	

o-benzyl-p-chlorophenol	<1%
CAS number: 120-32-1	

Composition

4. First-aid measures

Description of first aid measures

Prospray™

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	Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
Skin contact	Causes mild skin irritation.
Eye contact	May cause eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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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.
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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.
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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.
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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.
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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.
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7. Handling and storage

Precautions for safe handling

Prospray™

Usage precautions	Wash hands thoroughly after handling. Keep out of the reach of children. Do not handle until all safety precautions have been read and understood.
Advice on general occupational hygiene	Handle in accordance with good industrial hygiene and safety practices.
<u>Conditions for safe storage, including any incompatibilities</u>	
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10). Do not store below 45°F (7°C) or above 80°F (27°C).

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

Sulfuric Acid

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 0.2 mg/m³ thoracic fraction

A2

Citral

Long-term exposure limit (8-hour TWA): ACGIH 5 ppm inhalable fraction and vapor

A4, Sk, DSens

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

A2 = Suspected Human Carcinogen.

Sk = Danger of cutaneous absorption.

DSens = Dermal sensitizer.

Exposure controls

Appropriate engineering controls	Provide eyewash station.
Eye/face protection	Chemical splash goggles or face shield.
Hand protection	No specific requirements are anticipated under normal conditions of use.
Other skin and body protection	No specific requirements are anticipated under normal conditions of use.
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 to Light Brown
Odor	Lemon.

Prospray™

pH	pH (concentrated solution): 9.0-10.0
Melting point	0°C/32°F
Initial boiling point and range	100°C/212°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	0.99 @ 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.
Possibility of hazardous reactions	None known.
Conditions to avoid	Stable under the prescribed storage conditions. Protect against direct sunlight.
Materials to avoid	Acids. Oxidizing agents. Reducing agents.
Hazardous decomposition products	None known.

11. Toxicological information

Information on toxicological effects

Route of exposure Ingestion Skin and/or eye contact Inhalation

Toxicological information on ingredients.

Benzenesulfonic Acid

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,470.0

Species Rat

Prospray™

ATE oral (mg/kg) 1,470.0

Tetrasodium ethylene diamine tetraacetate

Acute toxicity - oral

ATE oral (mg/kg) 500.0

o-benzyl-p-chlorophenol

Acute toxicity - inhalation

ATE inhalation
(dusts/mists mg/l) 1.5

Sulfuric Acid

Carcinogenicity

NTP carcinogenicity Known human carcinogen.

12. Ecological information

Ecological information on ingredients.

Isopropyl Alcohol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 9,640 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 5102 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >2,000 mg/l, Algae

d-Limonene

Toxicity Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity

Acute toxicity - fish EC₅₀, 96 hours: 0.69 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.42 mg/l, Daphnia magna

Persistence and degradability

Ecological information on ingredients.

d-Limonene

Persistence and degradability The degradability of the product is not known.

Biodegradation - Degradation 92.7: 21 days

Bioaccumulative potential

Partition coefficient Not available.

Ecological information on ingredients.

Isopropyl Alcohol

Prospray™

Partition coefficient : 0.05

d-Limonene

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient No information available.

Mobility in soil

Ecological information on ingredients.

d-Limonene

Mobility No data available.

Other adverse effects

Ecological information on ingredients.

d-Limonene

Other adverse effects None known.

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

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

DOT packing group Not applicable.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user

Prospray™

Not applicable.

DOT reportable quantity RQ: Sulfuric acid (27397260.274 lbs)

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

15. Regulatory information

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product can expose you to 2-PHENYLPHENOL, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

This product can expose you to SULPHUR DIOXIDE, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

The following ingredients are listed:

Isopropyl Alcohol

o-phenylphenol

Sulfuric Acid

California Directors List of Hazardous Substances

The following ingredients are listed:

Isopropyl Alcohol

Sulfuric Acid

Sulfur Dioxide

Minnesota "Right To Know" List

The following ingredients are listed:

Isopropyl Alcohol

Potassium Hydroxide

New Jersey "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 11/18/2022

Revision 4

Supersedes date 11/18/2022

SDS No. DISINFECTANT-PSC-I04

Prospray™

NFPA - health hazard	Irritation, minor residual injury. (1)
NFPA - flammability hazard	Will not burn. (0)
NFPA - instability hazard	Normally stable. (0)

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.