

1. Identification

Product Information	W.20396
Product Name:	Mediclean® Disinfectant Spray II
Recommended Use	Disinfectant - Canadian DIN # 02486342
Uses advised against	Professional Use Only
Supplier	Legend Brands ProRestore Products 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030 Legend Brands 4520 Eastgate Parkway Mississauga, ON L4W 3W6 800-932-3030
Emergency telephone number	INFOTRAC 1-800-535-5053 (North America) 1-352-323-3500 (International)

2. Hazards Identification

Classification in accordance with the Workplace Hazardous Materials Information System (WHMIS) 2015 based on the Hazardous Products Regulations (HPR).

Flam. Liq. 3

GHS Pictograms



Signal Word

Warning

Unknown Acute Toxicity

< 1% of the mixture consists of ingredient(s) of unknown toxicity

HAZARD STATEMENTS

Flammable liquid and vapor.

Precautionary Statements - Prevention

Keep away from heat. - No smoking.

Keep container tightly closed.

Ground/Bond container and receiving equipment.

Use explosion-proof electrical/ ventilating/ lighting/ equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear eye protection/ face protection.

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of fire: Use carbon dioxide to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>HMIRA</u>
Isopropyl alcohol	67-63-0	3-7	
Diisobutylphenoxyethoxyethyl dimethyl	121-54-0	0.1-1.0	
o-phenyl phenol	90-43-7	0.1-1.0	

4. First-aid Measures

Description of first-aid measures

General advice

Call a physician if irritation develops or persists.

Inhalation

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Immediate medical attention is required.

Skin contact

If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If symptoms persist, call a physician. May cause slight irritation. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If symptoms persist, call a physician. Call a physician if irritation develops or persists. Remove contact lenses, if present.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

Symptoms

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Notes to physician

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media

Water spray. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons

High volume water jet.

Special hazards arising from the substance or mixture

Flash back possible over considerable distance. Hazardous decomposition products formed under fire conditions.

Advice for firefighters

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

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders

Remove all sources of ignition. Use personal protection recommended in Section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

Methods for cleaning up

Use personal protective equipment as required.

Reference to other sections

See section 8 for more information

7. Handling and Storage

Conditions for safe storage, including any incompatibilities

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking.

Hygiene measures

See section 7 for more information.

Storage Conditions

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures

Showers, eyewash stations, and ventilation systems.

Personal protective equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures

See section 7 for more information.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Milky
Color	Transparent
Odor	Mint
Odor Threshold	No Information
pH	9.0
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	39 (102.2)
Boiling point/boiling range, °C (°F)	100 - 302 (212 - 575.6)
Evaporation rate	No Information Available
Explosive properties	No Information
Vapor pressure	No Information
Vapor density	No Information
Specific Gravity (g/cm ³)	1.007
Water solubility	No Information
Partition coefficient	No Information
Autoignition temperature, °C	No Information
Decomposition Temperature °C	No Information
Viscosity, kinematic	No Information

Other information

Volatile organic compounds (VOC) content	8%
Density, lb/gal	No Information

10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None known based on information supplied

Conditions to Avoid

Direct sources of heat. Strong oxidizing agents

Incompatible Materials

None known based on information supplied

Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Product Information

No Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 49,161.000000 mg/kg

Component Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
67-63-0	Isopropyl alcohol	5840 mg/kg (Rat)	13,900 mg/kg (Rabbit)	N.I.
121-54-0	Diisobutylphenoxyethoxyethyl dimethyl	295 mg/kg Rat	N.I.	N.I.
90-43-7	o-phenyl phenol	2000 mg/kg Rat	>2000 mg/kg Rat	N.I.

N.I. = No Information

Skin corrosion/irritation.

SKIN IRRITANT

Eye damage/irritation.

No Information

Respiratory or skin sensitization

No Information

Ingestion.

No Information

Germ cell mutagenicity.

Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician. When symptoms persist or in all cases of doubt seek medical advice

Carcinogenicity.

No Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
67-63-0	Isopropyl alcohol	Group 3	-	-

Reproductive toxicity

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity

0.71000 % of mixture consists of components of unknown hazards to the aquatic environment.

Ecotoxicity effects

<u>Chemical Name</u>	<u>Toxicity to algae</u>	<u>Toxicity to fish</u>	<u>Toxicity to daphnia and other aquatic invertebrates</u>
Isopropyl alcohol 67-63-0	EC50 96 h <i>Desmodesmus subspicatus</i> >1000 mg/L, EC50 72 h <i>Desmodesmus subspicatus</i> >1000 mg/L	LC50 96 h <i>Pimephales promelas</i> 9640 mg/L, LC50 96 h <i>Pimephales promelas</i> 11130 mg/L, LC50 96 h <i>Lepomis macrochirus</i> >1400000 µg/L	EC50 48 h <i>Daphnia magna</i> 13299 mg/L

o-phenyl phenol 90-43-7	EC50 72 h <i>Desmodemus subspicatus</i> 0.85 mg/L	LC50 96 h <i>Pimephales promelas</i> 3.4 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 2.74 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 2.75 mg/L, LC50 96 h <i>Poecilia reticulata</i> 5.8 mg/L	EC50 48 h <i>Daphnia magna</i> 1 - 2.5 mg/L
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Persistence and degradability

No data are available on the product itself.

Bioaccumulative potential

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
67-63-0	Isopropyl alcohol	0.05
90-43-7	o-phenyl phenol	3.18

Mobility in soil

No information

Other adverse effects

No information

13. Disposal Considerations

Waste Disposal Guidance

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

DOT

Shipping Name: Not regulated (If shipped in NON-BULK packaging by ground transport.)
Packing Group: III

IMDG

Proper Shipping Name: LIMITED QUANTITY
 FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL)
Hazard Class: 3
UN Number: 1993
Packing Group: III

IATA

Air transport is not recommended.

15. Regulatory Information

International Inventories:

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class B2

16. Other Information

Revision Date: 2/25/2019 Supersedes Date: New SDS
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	0	Flammability:	2	Physical Hazard:	0	Personal Protection:	X
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NFPA Ratings:

Health:	0	Flammability:	2	Instability:	0	Physical & Chemical:	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.