

Safety Data Sheet

1. Identification

Product Information.	118227, 108380
Product Name:	Mediclean Disinfectant Spray II
Recommended Use.	Disinfectant DIN 02486342
Uses advised against.	No information available
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).

Flammable Liquid, category 3

GHS Pictograms



Signal Word

Warning

Unknown Acute Toxicity

< 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Flammable liquid and vapor.

Precautionary Statements - Prevention.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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 approved 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. 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.

Inhalation.

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

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. 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.

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 (102.20)
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.	5.1
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.

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**

LD50 Oral OralLD50	LD50 Dermal 49,161.00 mg/kg	LC50 Inhalation N.I.
------------------------------	---------------------------------------	--------------------------------

Component Information.

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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	>5000 mg/kg Rabbit	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.

No Information

Carcinogenicity.

No Information

CAS-No.

90-43-7

Chemical Name

o-phenyl phenol

IARC

IARC Group 3

NTP

-

OSHA

-

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.**

0.71% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
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>Desmodesmus 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

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

CAS-No.

67-63-0

Chemical Name

Isopropyl alcohol

log POW

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 of wastes: (All containers)

Pesticide Disposal: Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling, if available or puncture and dispose of in sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke. 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
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

TCSI

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Commercial 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: 2/9/2022 **Supersedes Date:** 2/25/2019

Reason for revision: Revision Description Changed
 Product Composition Changed
 Substance and/or Product Properties Changed in Section(s):
 01 - Product Information
 02 - Hazards Identification
 03 - Composition/Information on Ingredients
 08 - Exposure Controls/Personal Protection
 09 - Physical & Chemical Information
 11 - Toxicological Information
 12 - Ecological Information
 14 - Transportation Information
 15 - Regulatory Information
 Substance Hazard Threshold % Changed
 Substance Hazardous Flag Changed
 Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	0	Flammability:	2	Physical Hazard:	0	Personal Protection:	X
----------------	---	----------------------	---	-------------------------	---	-----------------------------	---

NFPA Ratings:

Health:	0	Flammability:	2	Instability:	0	Physical & Chemical:	-
----------------	---	----------------------	---	---------------------	---	---------------------------------	---

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS is correct to the best of our knowledge, information and belief 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 as 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 material or in any process, unless specified in the text.