

Safety Data Sheet

1. Identification

Product Information. 108382, 114720, 118229

Product Name: Mediclean Disinfectant Spray Plus

Recommended Use. Disinfectant

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

GHS Classification in accordance with 29 CFR 1910.1200

This product is not classified as hazardous according to GHS classification criteria.

GHS Pictograms

None required.

Signal Word

Not required.

Unknown Acute Toxicity

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

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Propylene glycol	57-55-6	1.0-2.5
Diisobutylphenoxyethoxyethyl dimethyl	121-54-0	0.1-1.0
o-phenyl phenol	90-43-7	0.1-1.0

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

4. First-aid Measures

Description of first-aid measures.

General advice.

Call a physician if irritation develops or persists. 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.

Skin contact.

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. 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.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

Special hazards arising from the substance or mixture.

No information available.

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.

Use personal protection recommended in Section 8.

Environmental precautions.

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.

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.

Hygiene measures.

See section 7 for more information.

Storage Conditions.

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

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>
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Contains no substances with occupational exposure limit values.

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)	93 (199.40)
Boiling point/boiling range., °C (°F)	100 - 575 (212 - 1067)
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.

None known.

Incompatible Materials.

None known based on information supplied.

Hazardous Decomposition Products.

None known.

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.
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Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
57-55-6	Propylene glycol	20000 mg/kg Rat	20800 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

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
90-43-7	o-phenyl phenol	IARC 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.

0.71% 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
Propylene glycol 57-55-6	EC50 96 h Pseudokirchneriella subcapitata 19000 mg/L	LC50 96 h Oncorhynchus mykiss 51600 mg/L, LC50 96 h Oncorhynchus mykiss 41 - 47 mL/L, LC50 96 h Pimephales promelas 51400 mg/L, LC50 96 h Pimephales promelas 710 mg/L	EC50 48 h Daphnia magna >1000 mg/L
o-phenyl phenol 90-43-7	EC50 72 h Desmodesmus subspicatus 0.85 mg/L	LC50 96 h Pimephales promelas 3.4 mg/L, LC50 96 h Lepomis macrochirus 2.74 mg/L, LC50 96 h Oncorhynchus mykiss 2.75 mg/L, LC50 96 h Poecilia reticulata 5.8 mg/L	EC50 48 h Daphnia magna 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.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
57-55-6	Propylene glycol	-1.07
121-54-0	Diisobutylphenoxyethoxyethyl dimethyl	1.08
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

IMDG

Proper Shipping Name: not regulated

IATA

not regulated

15. Regulatory Information

International Inventories:

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

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 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.
AIIC	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
TCSI	Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

U.S. EPA PESTICIDE INFORMATION

EPA Pesticide Registration Number: 70385-5

EPA STATEMENT: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA PESTICIDE LABEL: WARNING - Harmful if swallowed (inhaled or absorbed through the skin). Do not breathe vapors (dust or spray mist). Do not get in eyes, on skin or on clothing. Causes eye (and skin) irritation. Not for sale in California.

ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

CALIFORNIA PROPOSITION 65 CARCINOGENS



WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Nameo-phenyl phenol
Styrene monomer**CAS-No.**90-43-7
100-42-5**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information**Revision Date:** 9/13/2023 **Supersedes Date:** 9/11/2023**Reason for revision:** Revision Statement(s) Changed**Datasheet produced by:** Regulatory Department**HMIS Ratings:**

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

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



SAFETY DATA SHEET

Issuing Date 11Oct2021

Revision Date

Revision Number 1

NGHS / English

1. IDENTIFICATION

Product identifier

Product Name Clorox Pro® Clorox® Disinfecting Bio Stain and Odor Remover

Other means of identification

EPA Registration Number 67619-33
Document Number USA001348

Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant - Non-Aerosol
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Identification The Clorox Company

Address 1221 Broadway
Oakland
CA
94612
US

Telephone 1-510-271-7000

Emergency telephone number

Company Emergency Phone Number 800-446-1014

Emergency Telephone Number For Medical Emergencies call: 1-800-446-1014. Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Appearance Translucent

Physical state Liquid

Odor Fragranced

GHS Label elements, including precautionary statements

Hazard statements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Hydrogen Peroxide	7722-84-1	1-5	-	-
Isopropyl alcohol	67-63-0	0.1-1	-	-
Sodium lauryl sulfate	151-21-3	0.1-1	-	-

4. FIRST AID MEASURES

First aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye contact	Rinse eyes. Get medical attention if irritation develops and persists.
Skin contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	Yes.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in properly labeled containers. Store in accordance with local regulations.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm ₃ TWA: 980 mg/m ³ (vacated) TWA: 400 ppm ₃ (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm ₃ (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm mg/m ³

Other Exposure Guide lines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection None required for consumer use.

Hand protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Liquid
Appearance Translucent
Odor Fragranced
Color No information available
Odor Threshold Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	2.7 - 3.3	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	>93 °C	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.0056	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	Not applicable	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties No information available
Oxidizing properties No information available
Softening Point No information available
Molecular Weight No information available
VOC Content (%) No information available
Liquid Density No information available
Bulk Density No information available
Particle Size No information available
Particle Size Distribution No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under normal conditions. **Possibility of Hazardous Reactions** None under normal processing. **Hazardous Polymerization** Hazardous polymerization does not occur.

Conditions to avoid No information available.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact No known effects under normal use conditions.

Skin contact No known effects under normal use conditions.

Ingestion Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms None known.

Numerical measures of toxicity

Acute Toxicity

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

ATEmix (oral) 69,000.00 mg/kg
ATEmix (dermal) 90,909.00 mg/kg
ATEmix (inhalation-dust/mist) 91.00 mg/L
ATEmix (inhalation-vapor) 500.00 mg/L

Unknown acute toxicity No information available

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol	4.4 g/kg (Rat)	12.8 g/kg (Rabbit)	16000 (Rat, 8 h)
Sodium lauryl sulfate	1.29 g/kg (Rat)	580 mg/kg (Rabbit)	> 3.9 g/m ³ (Rat, 1 h)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl alcohol	96h EC50: > 1000 mg/L (Desmodesmus subspicatus) 72h EC50: > 1000 mg/L (Desmodesmus subspicatus)	96h LC50: = 9640 mg/L (Pimephales promelas) 96h LC50: = 11130 mg/L (Pimephales promelas) 96h LC50: > 1400000 µg/L (Lepomis macrochirus)	-	48h EC50: 13299 mg/L

Persistence and Degradability No information available.

Bioaccumulation

Chemical name	Log Pow
Isopropyl alcohol	0.05
Sodium lauryl sulfate	1.6

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Isopropyl alcohol 67-63-0	Toxic

14. TRANSPORT INFORMATION

DOT NOT REGULATED
TDG NOT REGULATED
ICAO NOT REGULATED
IATA NOT REGULATED
IMDG/IMO NOT REGULATED

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation s pecific for the substance or mixture

International Inventories

TSCA Contact supplier for inventory compliance status
DSL/NDSL Contact supplier for inventory compliance status

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Isopropyl alcohol - 67-63-0	67-63-0	0.1-1	1.0

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Isopropyl alcohol 67-63-0	X	X	X	X	

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 0	Flam mability 0	Instability 0	Physical and Chemical Properties - Personal Protection X
<u>HMS</u>	Health hazards 0	Flam mability 0	Physical hazards 0	

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 11-Oct-2021

Revision Date New

Revision Note 252087.001

Disclaimer

The information provided in this Safety Data Sheet 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 guidance 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 process, unless specified in the text

End of Safety Data Sheet



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: Oxigenesis™ Disinfectant RTU-122

Product Code: 122

Product Registration Number: 69268-4

Recommended use of the chemical and restrictions on use:
Disinfectant Cleaner. For industrial use.

Manufacturer/Supplier:

EnvirOx LLC P.O. Box 2327, 1938 E. Fairchild St., Danville, IL
61834-2327 USA Tel 1-217-442-8596

Emergency Phone Number:

Chem Tel Inc. 800-255-3924, +1-813-248-0585

SECTION 2 –HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS). This product is not classified as a Hazardous Chemical (or mixture) under OSHA §1910.1200 GHS

GHS Label elements, including precautionary statements

Pictogram: None Required

Signal Word – None Required

Hazard Statements: None Required

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical Name	CAS Number	Weight %
Water	7732-18-5	90-100 %
Hydrogen Peroxide	7722-84-1	1 %
Surfactant Package**	Various	< 1 %

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 – FIRST-AID MEASURES

Description of first aid measures

Inhalation: Move person to fresh air if irritation occurs. Consult a physician if breathing difficulty persists. If person is not breathing, give artificial respiration, and seek medical attention, call 911.

Skin Contact: Where irritation occurs in sensitive individuals: Wash off with plenty of water. Consult a physician if irritation continues. Wear barrier gloves to avoid recurrence.

Eye Contact: Where irritation occurs: Flush with water for at least 15 minutes. Remove contact lenses if present and easy to do so after the first 5 minutes and continue rinsing. Get medical advice if irritation persists.

Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical advice if you feel unwell. Do not induce vomiting unless told to do so by a physician or a poison control center.

Most important symptoms and effects, both acute and delayed:

Inhalation (of lingering aerosols) may cause respiratory irritation. [Avoid breathing mist by directing nozzle away from user, and use in a well ventilated area.] Prolonged or repeated exposure to bare skin can remove natural skin oils and/or may produce slight irritation in sensitive individuals. Wash off, and wear barrier gloves if irritation occurs. This product is minimally irritating to the eyes and may cause slight irritation to the skin.

Indication of any immediate medical attention and special treatment needed:

Treat systematically. May aggravate pre-existing skin disorders. For sensitive persons, wear barrier gloves.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use Water spray, Carbon Dioxide (CO₂), Dry Chemical, or Foam.

Unsuitable extinguishing media: none

Special hazards arising from the substance or mixture: None known.

Advice for Fire Fighters: Wear self-contained breathing apparatus (SCBA) for firefighting if necessary.

Further Information

Hazardous Combustion Products: Normal products of combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures: Spills may simply be soaked up with a damp mop and bucket. Avoid splashing in face or eyes during clean-up. It is recommended to wear eye protection and barrier gloves during clean-up of large spills with splash potential.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 for additional Ecological Information. See Section 13, Disposal Considerations, and for additional information. Contact the local POTW Publicly Owned Treatment Works (local water utility) before disposing of large quantities.

Methods and material for containment and cleaning up: Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Allow to dry before permitting traffic. Small spills of this material can simply be mopped up using conventional mop and bucket.

References to Other Sections: See section 13 for disposal considerations.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: For skin sensitive individuals, avoid prolonged direct contact with skin or wear barrier gloves. Avoid getting mist in eyes. Avoid inhalation of mist. Provide adequate ventilation. Wear appropriate personal protective equipment if ventilation is inadequate to prevent lingering mist.

Conditions for Safe Storage, including any incompatibilities: Do not allow to mix with bleach containing products. Do not mix with other products. Handle in accordance with good industrial hygiene and safety practice. Use personal protection as recommended in Section 8. Protect from freezing. Avoid high temperatures. Best storage temperatures are between 35° F and 85° F. As with all disinfecting products: **Keep out of Reach of Children.**

Specific End Uses: Institutional Disinfectant

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components with workplace control parameters. Occupational Exposure Limits.

Component	CAS Number	ACGIH	OSHA	NIOSH
Hydrogen Peroxide	7722-84-1	1 ppm TWA	1 ppm TWA (PEL)	1 ppm TWA (REL)
Phosphoric Acid	7664-38-2	1 mg/m ³ TWA/ 3 mg/m ³ STEL	1 mg/m ³ TWA (PEL)	1 mg/m ³ TWA/ 3 mg/m ³ STEL

Exposure Controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Good general room ventilation (in open spaces) should be adequate under normal conditions of use.

Personal protective equipment:

No special PPE is required under normal conditions of use (where mist is kept out of face and eyes of user). However, barrier protection for hands is recommended for instances where prolonged skin contact could occur in sensitive persons.

Eye protection: Not required if well-ventilated, and mist can be avoided.**

Skin and Body protection: Not normally required unless prolonged skin contact cannot be avoided. Nitrile/rubber gloves are recommended, but not required. Any water barrier glove is suitable for sensitive persons.**

Respiratory protection: Under normal conditions of use, a respirator is not normally required. Use in well ventilated area to avoid lingering mists and direct nozzle away from persons.

Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

**EnviroX recommends that barrier eye and hand protection be used when applying any cleaner, sanitizer, or disinfectant, but it is not required for this product under GHS (OSHA).

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Liquid Color: Clear
Odor:	None
Odor threshold:	Not determined
pH value at 20 °C (68 °F):	2-3
Melting point/Melting range:	32 °F / 0 °C
Boiling point/Boiling range:	212 °F / 100 °C
Flash point:	Not applicable
Evaporation rate:	(as water)
Flammability (solid, gaseous):	Not applicable
Explosive Limits	Lower: Not applicable
Explosive Limits	Upper: Not applicable

Vapor density:	Not determined
Relative Density:	1.01
Water Solubility:	Completely soluble @ 25 °C (77 °F)
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Kinematic Viscosity:	Not determined
Viscosity:	Not determined
Explosive Properties:	Not an explosive
Oxidizing Properties:	Not determined

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Keep out of reach of children. Keep from freezing.

Incompatible materials: Avoid mixing with other products. Do not mix or use with bleach containing products (sodium or potassium hypochlorite).

Hazardous decomposition products: Normal products of combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological effects**Information on likely routes of exposure:**

Ingestion: None under normal use. Do not drink. (Acute oral > 5,000 mg/kg)

Inhalation: None under normal use. Prolonged inhalation may be harmful. (Acute inhalation >2,000 mg/kg)

Dermal/Skin contact: Avoid prolonged contact with skin or use barrier glove protection. (> 5,000 mg/kg)

Eye Contact: None under normal use. Avoid contact with eyes. May cause eye irritation. Use safety glasses if mist cannot be avoided. "Minimally irritating to the eye."

Skin & Respiratory Sensitization: No signs for sensitization were reported in Toxicology studies and none were anticipated from the ingredients.

Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: This product, or any of its components, is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity – single exposure: Not Classified.

Specific Target Organ Toxicity – repeated exposure: Not Classified

Aspiration Hazard: Not an aspiration hazard.

Chronic Effects: Prolonged inhalation may be harmful. Avoid inhalation.

Component Information: See section 3.

Symptoms related to the physical, chemical and toxicological characteristics – Symptoms: minimal eye irritation (epiphora, conjunctivitis), slight skin irritation (erythema, pruritis), respiratory irritation (tussis). Please see section 4 of this SDS for more information.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. See Section 13.

Persistence and Degradability: No data is available on the degradability of the product. However, each component occurs on the EPA's Safer Choice/Designed for Environment listing.

Bioaccumulation: Not expected for any of the components of this product.

Mobility in Soil: Not determined.

Other adverse effects: Not determined.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. For additional information, contact the local POTW Publicly Owned Treatment Works (the local water utility) before disposing of large quantities.

Contaminated packaging: Triple rinse used containers and recycle/dispose in accordance with applicable regional, national and local laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

SECTION 15 - REGULATORY INFORMATION

International Inventories: Not determined.

US Federal Regulations

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazards:

SARA 313: This material does not contain any chemical components that exceed the threshold (*De Minimis*) reporting levels established by SARA Title III, Section 313.

POTW information:

[Publicly Owned Treatment Works (the local water utility)] Total phosphorus content is < 0.03% by weight (<0.3 mg/L).

US State Regulations

California Proposition 65: The product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

U.S. State Right-to-Know Regulations: This product contains the following substances regulated under applicable state right-to-know regulations.

Chemical Name	State List
Hydrogen Peroxide 7722-84-1	MA, NJ, PA, RI, CA

AZ – Arizona Ambient Air Quality Guidelines

IL – Illinois Toxic Air Contaminant- Carcinogenic

CT – Connecticut Hazardous Air Pollutants

MA – Massachusetts Right to Know List

CA – California Director's List of Hazardous Substances

MN – Minnesota Hazardous Substances List

CAP65 – California Prop 65

NJ – New Jersey Right to Know List

FL – Florida Substances List

PA – Pennsylvania Right to Know List

ID – Idaho Non-Carcinogen Toxic Air Pollutants

RI – Rhode Island Hazardous Substances List

FIFRA Label Information: This chemical is a pesticide product registered by the United States Environmental Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

This is a Category IV product for Acute Toxicity under EPA FIFRA.

Keep Out of Reach of Children

SECTION 16 - OTHER INFORMATION

Standard	Health Hazard Rating (Chronic *)	Flammability/Fire Hazard	Reactivity/Physical Hazard	Special-NFPA, Personal Protection-HMIS
NFPA	1	0	0	NA
HMIS	1	0	0	

Normal conditions of use entails, as directed on label: where nozzle is directed at arm's length away from user under adequate ventilation conditions, such that mist/aerosols can be avoided in the breathing zone of the user. Normal room ventilation is considered adequate.

Disclaimer

The information provided in this Safety Data Sheet 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 guidance 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 process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-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

ISSUE: 08/18/2023

Revision: Third Revision_08/18/2023

Revision Note: HMIS Section 16

End of Safety Data Sheet