

SECTION 1: Identification

1.1. Identification

Product name : PROJECT CLEAN DISINFECTING MULTI-SURFACE CLEANER
Other means of identification : EPA Registration #: 85837-4-1791

1.2. Recommended use and restrictions on use

Recommended use : Multi-purpose disinfectant cleaner
Restrictions on use : All other uses than those indicated on the product label and technical data sheet

1.3. Supplier

Project Clean Inc.
2330 Industrial Parkway SW
Dyersville, IA 52040
USA

regulatory@projectclean.com - www.projectclean.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CANUTEC CANADA OR CHEMTREC USA 24hr/day 7days/week
Within USA and Canada: USA: 800 424 9300 | CANADA: 613 996 6666 or *666 on a cell phone

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%
Hydrogen peroxide	CAS-No.: 7722-84-1	1 – 5
Alcohol Ethoxylate	CAS-No.: 68991-48-0	1 – 3
Citric acid	CAS-No.: 77-92-9	0.1 – 1

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : Under normal conditions of use, no adverse effects to health have been observed.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Take off contaminated clothing. Wash skin with plenty of water.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : Existing skin diseases may be aggravated by overexposure.
- Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Water jet.

5.2. Specific hazards arising from the chemical

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Keep container tightly closed. Keep out of reach of children. Store away from incompatible materials: acids, strong alkali, chemical reducing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PROJECT CLEAN DISINFECTING MULTI-SURFACE CLEANER	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	1 ppm
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	1.4 mg/m ³

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OSHA PEL TWA [2]	1 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1.4 mg/m ³
NIOSH REL TWA [ppm]	1 ppm
Hydrogen peroxide (7722-84-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Hydrogen peroxide
ACGIH OEL TWA [ppm]	1 ppm
Remark (ACGIH)	TLV [®] Basis: Eye, URT, & skin irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Hydrogen peroxide
OSHA PEL TWA [1]	1.4 mg/m ³
OSHA PEL TWA [2]	1 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Citric acid (77-92-9)	
No additional information available	
Alcohol Ethoxylate (68991-48-0)	
No additional information available	

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Not required for normal conditions of use
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear. Thin liquid.
Color	:	Colorless
Odor	:	Floral
Odor threshold	:	No data available
pH	:	1.7 – 2
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	100 °C
Flash point	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability	:	Not applicable.
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	1 – 1.01
Solubility	:	Soluble.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available

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Viscosity, dynamic	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

9.2. Other information

VOC content : < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Acids. Strong bases. Strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

PROJECT CLEAN DISINFECTING MULTI-SURFACE CLEANER	
LD50 oral rat	801 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Hydrogen peroxide (7722-84-1)	
LD50 oral rat	693.7 mg/kg Source: ECHA
LD50 dermal rabbit	3000 mg/kg Source: ChemIDPlus
LC50 Inhalation - Rat	2000 mg/m ³ Source: ChemIDPlus

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Hydrogen peroxide (7722-84-1)	
ATE US (oral)	693.7 mg/kg body weight
ATE US (dermal)	3000 mg/kg body weight
ATE US (vapors)	2 mg/l/4h
ATE US (dust, mist)	2 mg/l/4h
Citric acid (77-92-9)	
LD50 oral rat	3000 – 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
Alcohol Ethoxylate (68991-48-0)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
PROJECT CLEAN DISINFECTING MULTI-SURFACE CLEANER	
IARC group	3 - Not classifiable
Hydrogen peroxide (7722-84-1)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Hydrogen peroxide (7722-84-1)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Citric acid (77-92-9)	
LOAEL (oral,rat,90 days)	8000 mg/kg body weight Animal: rat
NOAEL (oral,rat,90 days)	4000 mg/kg body weight Animal: rat

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Aspiration hazard	:	Not classified
Viscosity, kinematic	:	No data available
Symptoms/effects after inhalation	:	May cause respiratory irritation.
Symptoms/effects after skin contact	:	Existing skin diseases may be aggravated by overexposure.
Symptoms/effects after ingestion	:	May cause irritation to the digestive tract.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

PROJECT CLEAN DISINFECTING MULTI-SURFACE CLEANER	
LC50 - Fish [1]	≈ 151 mg/l 96 hr LC50 Fish (Solea Solea)
EC50 - Crustacea [1]	5.6 mg/l 48 hr EC50 Crustacea (Daphnia Carinate)
ErC50 algae	3.2 mg/l 72 hr ErC50 algae (Chaetoceros gracilis)
Hydrogen peroxide (7722-84-1)	
LC50 - Fish [1]	16.4 mg/l Source: ECHA
Citric acid (77-92-9)	
LC50 - Fish [1]	440 – 760 mg/l (Equivalent or similar to OECD 203, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
LC50 - Other aquatic organisms [1]	> 10 mg/l Bacteria
Alcohol Ethoxylate (68991-48-0)	
LC50 - Fish [1]	70.1 mg/l 48 hours
EC50 - Crustacea [1]	5.3 mg/l Daphnia, 48 hours

12.2. Persistence and degradability

Hydrogen peroxide (7722-84-1)	
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Citric acid (77-92-9)	
Biochemical oxygen demand (BOD)	0.42 g O ₂ /g substance

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Citric acid (77-92-9)	
Chemical oxygen demand (COD)	0.728 g O ₂ /g substance
ThOD	0.686 g O ₂ /g substance

12.3. Bioaccumulative potential

Hydrogen peroxide (7722-84-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.36 Source: IPCS
Bioaccumulative potential	Not bioaccumulative.

Citric acid (77-92-9)	
Partition coefficient n-octanol/water (Log Pow)	-1.8 – -1.55 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

Hydrogen peroxide (7722-84-1)	
Surface tension	80.4 mN/m (20 °C, Pure substance, Calculated value, 100 %)
Ecology - soil	No (test)data on mobility of the component(s) available.

Citric acid (77-92-9)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

Alcohol Ethoxylate (68991-48-0)	
Mobility in soil	589.5 Source: EPI SUITE

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Reuse if possible. Otherwise dispose recovered material in accordance with all local, State or Federal regulations.

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SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Hydrogen peroxide (7722-84-1)

RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

15.2. International regulations

No additional information available

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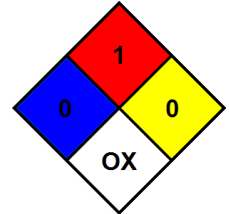
15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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- NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
- NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.
- NFPA specific hazard : OX - Materials that posses oxidizing properties.



It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.