



ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Disinfexol (EPA Registration Number 95747-1, List N Registered)
CAS No. 7790-92-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s) Hospital-Grade Cleaner and Disinfectant
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Disinfexol LLC
Address of Manufacturer 12017 Nebel Street
Rockville, MD
Postal code 20852
Telephone 3019087817
Fax N/A
E-mail klovett@disinfexol.com
Office hours 09:00 - 18:00

Supplier

Company Identification Disinfexol LLC
Address of Supplier 12017 Nebel Street
Rockville, MD
Postal code 20852
Telephone 3019087817
Fax N/A
E-mail klovett@disinfexol.com
Office hours 09:00 - 18:00

1.4 Emergency telephone number

Emergency Phone No. 3019087817
Contact Ken Lovett

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

US CFR 1910.1200 Not classified as dangerous for supply/use.

2.2 Label elements

According to US CFR 1910.1200
Product Name Disinfexol
Hazard Pictogram(s) None.
Signal Word(s) None.
Hazard Statement(s) None.
Precautionary Statement(s) None.



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2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

(Water) 7732-18-5 >= 99% (Reverse Osmosis), (HOCl) 7790-92-3 <= .0995%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

See Also Section 8, 13.



SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautions are required for this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
 Storage life Stable under normal conditions. Keep containers tightly closed and away from direct sunlight.
 Incompatible materials None known.

7.3 Specific end use(s)

Hospital-Grade Cleaner and Disinfectant for hard, non-porous surfaces.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear goggles giving complete eye protection.



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary. If exposure limits are exceeded or irritation experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Liquid.
 Color : Clear
 Odor Mild/light chlorine odor

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Odor threshold	Not known.
pH	5.5-6.5
Melting point/freezing point	0 degrees C/32 degrees F
Initial boiling point and boiling range	Not known.
Flash Point	Non-Flammable
Evaporation rate	Similar as water
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapor pressure	Not known.
Vapor density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Soluble. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (° C)	Not known.
Viscosity	Not known.
Explosive properties	Not explosive.
Oxidizing properties	Slight to none when applied according to directions.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

High temperatures.

10.5 Incompatible materials

Not known. Do not mix with other household chemicals.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity - Ingestion	Low oral toxicity. Drink plenty of tap water if ingested and seek medical advice if needed.
Acute toxicity - Skin Contact	Not classified. Rinse with water if irritation occurs.
Acute toxicity - Inhalation	Not classified. Seek medical advice if breathing becomes difficult.



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Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.
11.2 Other information	Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and Degradation 100% biodegradable

12.3 Bioaccumulative potential Not known.

12.4 Mobility in soil Soluble in water. The product is predicted to have high mobility in soil.

12.5 Other adverse effects Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose at suitable refuse site in accordance with applicable regional, national and local laws and regulations.

13.2 Additional Information No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number Not applicable

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- 14.2 UN proper shipping name** Not applicable
- 14.3 Transport hazard class(es)** Not applicable
- 14.4 Packing group** Not applicable
- 14.5 Environmental hazards** Not classified as a Marine Pollutant.
- 14.6 Special precautions for user** Not known
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not Known

SECTION 15: REGULATORY INFORMATION**15.1 US Federal Regulations**

- Toxic and hazardous substances (29 CFR 1910; Subpart Z) Not listed
- National emission standards for hazardous air pollutants (40 CFR 61.01) Not listed
- SARA Title III Section 313 Not listed
- TSCA (Toxic Substance Control Act) Listed : 7790-92-3 (Active), 7732-18-5 (Inert)
- CAA 602 - Ozone Depleting Substances (ODS) Not listed

15.2 US State Regulations

- State Right to Know Lists
- Proposition 65 (California) Not listed
- Minnesota Not listed
- New Jersey Not listed
- Pennsylvania Not listed
- Rhode Island Not listed

15.3 Other

- OSPAR List of Chemicals for Priority Action Not listed
- OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives) Not listed
- NTP (National Toxicology Program) Not listed
- IARC (International Agency for Research on Cancer) Not listed

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1, 3, 7, 8, 9, 11, 12

LEGEND

Acronyms

CAS : Chemical Abstracts Service
LTEL : Long term exposure limit
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity

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