

## 1. Identification

**Product name:** CaviCide HP  
**Recommended use:** Hard surface cleaner and disinfectant  
**Restrictions on use:** None known  
**Manufacturer:** METREX® RESEARCH  
28210 Wick Road  
Romulus, MI., 48174-U.S.A.  
T 1-800-841-1428 (Customer Service)  
**Emergency number:** (Chemical Spills, Leaks, Fire, Exposure or Accident only):  
CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)  
**Issue date:** 01/29/2024

## 2. Hazard(s) identification

**Classification:**

Not classified as a hazardous chemical

**GHS US labeling:**

No labeling applicable

## 3. Composition/Information on ingredients

Component	CAS-No.	Amount (%)
Hydrogen peroxide	7722-84-1	< 1

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## 4. First-aid measures

**Inhalation:** No specific first aid measures are required.

**Skin:** No specific first aid measures are required.

**Eyes:** No first aid should be needed. Rinse eyes with water as a precaution.

**Ingestion:** Get medical advice/attention if you feel unwell.

**Symptoms/effects:** May cause minor eye irritation. May cause slight irritation to the skin. May cause respiratory irritation.

**Immediate medical attention and special treatment, if necessary:** Not required.

## 5. Fire-fighting measures

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable extinguishing media:** None.

**Fire hazard:** This product is not classified as flammable or combustible. On combustion, forms: carbon oxides (CO and CO<sub>2</sub>).

**Special protective equipment and precautions for fire-fighters:** Use water spray or fog for cooling exposed containers. Do not attempt to take action without suitable protective equipment.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with eyes, skin and clothing. Wear suitable protective clothing.

**Methods and material for containment and cleaning up:** Stop leak if safe to do so. Absorb and/or contain spill with inert material, then place in suitable container. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

## 7. Handling and storage

**Precautions for safe handling:** Avoid contact with eyes. Wash hands with water and soap. Keep container closed when not in use. Refer to product label for additional information on use and handling.

**Storage conditions:** Store in dry, cool, well-ventilated area. Protect from physical damage. Keep container tightly closed.

## 8. Exposure controls/personal protection

### Exposure guidelines:

Hydrogen peroxide	1.4 mg/m <sup>3</sup> TWA OSHA PEL; 1 ppm TWA OSHA PEL; 1 ppm TWA ACGIH TLV;
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**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

### Personal protective equipment:

**Hand protection:** No personal protective equipment required under normal use

**Eye protection:** No personal protective equipment required under normal use

**Skin and body protection:** No personal protective equipment required under normal use

**Respiratory protection:** No respiratory protection needed under normal use conditions

## 9. Physical and chemical properties

**Appearance:** Clear, colorless liquid.

<b>Physical state</b>	: Liquid	<b>Relative evaporation rate (butyl acetate=1)</b>	: No data available
<b>Color</b>	: Colorless	<b>Flammability</b>	: Not applicable.
<b>Odor</b>	: Characteristic	<b>Vapor pressure</b>	: No data available
<b>Odor threshold</b>	: No data available	<b>Relative vapor density at 20°C</b>	: No data available
<b>pH</b>	: > 2	<b>Relative density</b>	: No data available
<b>Melting point</b>	: Not applicable	<b>Density</b>	: 1.0038 g/ml
<b>Freezing point</b>	: No data available	<b>Solubility</b>	: No data available
<b>Boiling point</b>	: No data available		
<b>Flash point</b>	: > 93 °C (199.4 °F)		

<b>Partition coefficient n-octanol/water (Log Pow)</b>	: No data available	<b>Viscosity, kinematic</b>	: No data available
<b>Auto-ignition temperature</b>	: No data available	<b>Viscosity, dynamic</b>	: 1.29 – 1.8 cP @ 42°C (107.6°F)
<b>Decomposition temperature</b>	: No data available	<b>Explosion limits</b>	: No data available
		<b>Explosive properties</b>	: No data available
		<b>Oxidizing properties</b>	: No data available

No additional information available

## 10. Stability and reactivity

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

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to avoid:** Keep away from heat and flame.

**Incompatible materials:** Keep away from oxidizers, strong acids and strong bases.

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

## 11. Toxicological information

**Inhalation:** Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

**Skin:** May cause slight irritation to the skin.

**Eyes:** May cause slight irritation.

**Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic symptoms:** None known.

**Carcinogenicity:** Not classified

Hydrogen peroxide: IARC 3 - Not classifiable;

**Germ cell mutagenicity:** Not classified

**Reproductive toxicity:** Not classified

**Acute toxicity (oral)** : Not classified

**Acute toxicity (dermal)** : Not classified

**Acute toxicity (inhalation)** : Not classified

**Numerical measures of toxicity:** Oral rat LD50- > 5000 mg/kg (US EPA OCSP 870.1100); Dermal rat LD50- > 5050 mg/kg (US EPA OCSP 870.1200);

**The following are the toxicity values for the components:**

Hydrogen peroxide > 2000 mg/kg bodyweight LD50 dermal rabbit

**Skin corrosion/irritation** Not classified

pH: > 2

**Serious eye damage/irritation** Not classified

pH: > 2

**Respiratory or skin sensitization** Not classified  
**STOT-single exposure** Not classified  
**STOT-repeated exposure** Not classified

**Aspiration hazard** Not classified

## 12. Ecological information

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

### Ecotoxicity:

Hydrogen peroxide 16.4 mg/l Test organisms (species): Pimephales promelas LC50 - Fish [1]; 1.38 mg/l Test organisms (species): Skeletonema costatum EC50 72h - Algae [1]; 0.63 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic)

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

### Other adverse effects:

No data available

## 13. Disposal considerations

**Regional waste regulation:** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)).

## 14. Transport information

### Department of Transportation (DOT)

Not regulated for transport

### Transport by sea

Not regulated for transport

### Air transport

Not regulated for transport

## 15. Regulatory information

### SARA Section 313 - Emission Reporting:

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.

### CERCLA Section 103:

This product is not subject to reporting under CERLCA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

### SARA 302:

Not applicable

**SARA Section 311/312 Hazard Classes:** Refer to Section 2 for OSHA Hazard Classification.

**California Proposition 65:**

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

**TSCA:** All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

**INTERNATIONAL INVENTORIES**

**Australia AICS:** All the components are listed.

**Canada DSL:** All the components are listed.

**China IECSC:** All the components are listed.

**EU EINECS:** All the components are listed.

**Japan ENCS:** All the components are listed.

**Korea KECL:** All the components are listed.

**New Zealand:** All the components are listed.

**Philippines PICCS:** All the components are listed.

**Taiwan CSNN** All the components are listed.

**16. Other information**

Issue date : 01/29/2024

<b>NFPA</b>	
NFPA health hazard:	0
NFPA fire hazard:	0
NFPA reactivity:	0

**NOTICE**

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