



SAFETY DATA SHEET

HYDROGEN PEROXIDE 3 %

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Date prepared: April 29, 2024

1. IDENTIFICATION

Product Identifier

Product Name HYDROGEN PEROXIDE 3 %

Recommended use of the chemical and restrictions on use

Recommended use Hydrogen Peroxide

Restrictions on use Cleaning agent for wounds and cuts

Supplier details

Unica Canada inc.
90, J.A. Bombardier
Boucherville, (Quebec)
J4B 8N4
Tel: (450) 655-8168

Emergency Telephone Number

Emergency phone number only (24H, CANUTEC) : (613) 996-6666
Antipoison Control Center (Emergency, 24 H) : 1-800 463-5060

2. HAZARDS IDENTIFICATION

Classification

Eye Irritation

Category 2A

Label Elements

WARNING

Hazard Statements

Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands, and any exposed skin thoroughly after handling.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice and attention.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice and attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Hydrogene peroxide	7722-84-1	3.0

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Skin contact	Rinse skin with water.
Inhalation	Not applicable
Ingestion	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Causes burns to eyes and irritation to skin. Symptoms include tingling sensation and / or reddening.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

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

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None known.

Protective Equipment and Precautions 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

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Rinse area with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

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

Incompatible Materials None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposition limits

NIOSH REL TWA 1 ppm (1.4 mg/m³)
OSHA PEL TWA 1 ppm (1.4 mg/m³)

Appropriate engineering controls

Engineering Controls Not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety goggles.

Skin and body protection Not required, as the product is specifically for application to the skin.

Respiratory Protection Not required.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :

Clear liquid

ODOR

None

ODOR THRESHOLD :

Not applicable

pH :

3.5 – 4.5

MELTING POINT / FREEZING POINT :

0°C

BOILING POINT/BOILING RANGE :

100°C

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.01

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

1

FLAMMABILITY (SOLID, GAS):

Not applicable

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

< 10 cps @ 22°C

FLAMMABLE LIMITS :**UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

Conditions to Avoid

None.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

None

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen Peroxide 7722-84-1	1026 mg/kg (Rat-male)	> 2000 mg/kg (rabbit)	Not applicable

Information on likely sources of exposure**Serious eye damage/irritation**

Irritating to eyes.

Skin corrosion/irritation

Can be irritating for skin.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed human carcinogens.

Reproductive toxicity

None known.

STOT - single exposure

None known.

STOT-repeated exposure

None known.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of eyes and tissues.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No information available

Persistence and degradability

Readily decomposable

Bioaccumulative potential

Nothing

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION**Preparation Date**

April 29, 2024

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS