

1. IDENTIFICATION OF USE PRODUCT AND COMPANY

PRODUCT NAME : PEROXEUR
 USE : CIP cleaning additive

Fabricant **LIBERCHEM** 

LIBERCHEM Inc
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 Quebec, Canada
 H9P 1E9
 Tel: 514 631-7177

EMERGENCY PHONE : Poison Control Center (Québec): 1 (800) 663-5060
 CANUTEC: (613) 996-6666

2. HAZARD(S) IDENTIFICATION

• Hazard Classification of the substance or mixture -

Hazard Statement

Comburent liquid. May cause fire. Keep container tightly closed in a dry, clear of impurities, alkalis, flammable substances. Causes serious eye damage. Causes severe burns to the skin. Harmful if swallowed. Harmful if ingestion. Causes burns of the digestive system. May cause irritation of the nose, throat and lungs



GHS05 CORROSION



GHS03 Circle Fire



GHS06 Skull and Crossbones

Caution Requirement:

If medical advice is needed; have container or label available.

Keep out of reach of children

Read the label before use

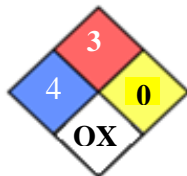
Avoid breathing spray mist.

Skin contact (hair): Remove contaminated clothing immediately, rinse with water in the shower

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove, continue flushing

Remove the contents of the containers according to national regulations, international, regional and local.

Classification system according to NFPA - Scale (0-4)



Health = 4

Fire = 3

Instabilité = 0

HMIS - scale (0-4)

HEALTH	4
FIRE	3
REACTIVITY	0

3. COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Characteristic: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

7722-84-1	Hydrogen Peroxide	15 – 30 %
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4. FIRST-AID MEASURES

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration. If artificial respiration is difficult, give oxygen and seek medical attention immediately

SKIN: Rinse thoroughly with water and soap. If clothing becomes contaminated, remove immediately. If irritation occurs, seek medical attention

EYES: Immediately flush eyes with warm water at slightly rate for 15 minutes or until the product is removed. Consult a physician.

INGESTION: If victim is conscious give two glasses of water. INDUCE VOMITING by a professional. Get medical attention immediately. Symptoms and most important effects (acute and delayed): (See Section 11) -No other relevant information available.

Safety Data Sheet

- Most important symptoms and effects (acute and relayed): (Consult section 11) –No further relevant information available.
- Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. FIRE-FIGHTING MEASURES

- MEANS OF EXTINCTION: Use dry chemical, CO₂, water, alcohol foam, for large fires.
- FIRE EXTINCTIONS INAPPROPRIATE: Not available
- SPECIFIC HAZARDS PRODUCT OR DANGEROUS MIX: Combustible can release vapors that form flammable mixtures at or above its flash point. Use water spray to cool. Avoid spraying water directly into storage containers due to danger to boil over. The liquid is volatile and gives off invisible vapors.
- HAZARDOUS COMBUSTION: The decomposition products may include carbon monoxide.
- SPECIAL PROTECTION EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS: Wear full protective clothing including self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY MEASURES: Wear protective equipment, remove away unprotected persons. Do not touch damaged containers persons or spilled products (Refer to section 8 for personal protection and section 13 for data on disposal.)
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Using non-combustible absorbent materials such as sand, vermiculite, universal absorbent. Use with adequate ventilation. (Refer to section 13 for disposal the product).

7. HANDLING AND STORAGE

- SAFETY PRECAUTIONS IN HANDLING: The workplace should be well ventilated to prevent vapor formation.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Avoid heat, chlorine products or products or product containing chloride
- STORAGE TEMPERATURE: : 0 °C à 40 °C

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

General measures: Keep away from food and beverages. Remove contaminated clothing immediately. Do not inhale gas fumes. Avoid contact with the skin.

- CONTROL PARAMETERS,

COMPONENTS WITH LIMIT VALUES FOR OCCUPATIONAL EXPOSURE

7722-84-1 Hydrogen Peroxide

TWA/ REL	1 ppm - 1.4 mg / m ³
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- ENGINEERING MEASURES SUITABLE: Ensure adequate ventilation, especially in confined areas. Use process enclosure, local exhaust ventilation, or other engineering controls to control the levels of suspended substances to below the exposure limits. Eyewash and emergency shower must be available at the workplace for handling this product.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Impervious gloves



EYES: Safety goggles



RESPIRATORY: Respirator if needed



OTHER: Protective clothing



9. PHYSICAL AND CHEMICAL PROPERTIES

APPARENCE:	Colorless liquid
ODOR	Zesty
OLFATIF ODOR	Not available
pH	2.0,100 %
MELTING POINT	Not available
BOILING POINT	>100 °C.
FLASH POINT	S.O
EVAPORATION RATE	Not available
FIRE (Solid, gaseous)	Not available
LOWER FLAMMABLE LIMITS	Not available
UPPER FLAMMABLE LIMITS	Not available
VAPOR TENSION (20 °C)	3.1 hPa (2 mm Hg)
DENSITY (20 °C)	1.05 – 1.10
SOLUBILITY IN WATER	Complete
VAPOR DENSITY	Not available
COEFFICIENT (n-octane/water)	Not available

Code product: 104303

Safety Data Sheet

DECOMPOSITION TEMPERATURE Not available
VISCOSITY Not available

10. STABILITY AND REACTIVITY

- CHEMICAL STABILITY: Pressure Rise
- CONDITIONS TO AVOID: Attention do not use in mix other product. May produce hazardous gas
- HAZARDOUS POLYMERIZATION: No further relevant important information.
- INCOMPATIBILITY: Bases, metals
- HAZARDOUS DECOMPOSITION PRODUCTS: Carbone oxide

11. TOXICOLOGICAL INFORMATION

- INFORMATIONS ON TOXICOLOGICAL EFFECTS,

- Acute toxicity:

7722-84-1	hydrogen Peroxide (15 – 30%)
Oral (LD50)	486 mg.kg (rat)

HEALTH EFFECTS / CHRONIC EXPOSURE

Causes burns to the respiratory tract, accompanied by a burning sensation in the nose and throat, coughing, wheezing, shortness of breath and Pulmonary edema. Symptoms of pulmonary edema can occur after exposure. A chronic skin contact at low concentration to cause dermatitis May be fatal if swallow, inhaled or absorbed through skin. Corrosive. Target organs: respiratory tract, skin, eyes.

CANCEROGÉNÉCITY MUTAGENICITY TERATOGENICITY

No component of this product is identified as a probable carcinogen, possible or confirmed human by IARC.
not available Data
not available Data

12. ECOLOGICAL INFORMATION

TOXICITY

The product is not classified as hazardous to the environment. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Due to the pH of this product, we can expect it to produce significant Ecotoxicity upon exposure to aquatic organisms and aquatic systems

PERSISTENCE AND DEGRADABILITY

Not Available

BIOACCUMULATIVE POTENTIAL MOBILITY IN SOIL

This product is not considered bio accumulative
Not Available

13. DISPOSAL CONSIDÉRATIONS

Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers / pipes, water supply. Dispose in accordance with all applicable regulations

WASTE AND WASTE / UNUSED

Dispose in accordance with all local, state and federal

14. TRANSPORT INFORMATION

UN NUMBER UN2014
TMD, DOT, IMDG, IATA
UN PROPER SHIPPING NAME HYDROGENE PEROXYDE STABILISED MIX

TRANSPORT HAZARD CLASS(ES)



Class: 5.1/8 corrosive Substances
Etiquette: 5.1 - 8

Packaging group

II

ENVIRONMENTAL HAZARDS

None

15. REGULATORY INFORMATION

PRODUCT AS SOLD WHMIS CLASSIFICATION

B1D Toxic material E Corrosive

The components of this product are on the following inventories:

- Canadian Domestic Substances List (DSL) All constituents of this product are on the DSL.

Code product: 104303

- Information system on hazardous material (WHMIS): NR.

16. OTHER INFORMATION

Date of issue 28/01/2025
Version 4.0
Prepared by Regulatory Affairs

We have characterized the general risk of the product according to the USE THAT WE RECOMMEND FOR THIS PRODUCT.

Any use not in accordance with our recommendations may affect the risk characterization.

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. For more information, please contact your technical representative.

NOTICE OF NON RESPONSABILITY: The information above is based on data considered accurate. No warranty expresses or implied, is based on the data information. The user is responsible for the determining if the product is suitable for condition of use.