



Safety Data Sheet

1. Identification

Product Identifier : Hydrogen Peroxide 29%
Recommended Uses : Deodorizer and Bleaching Agent
Supplier : CP Industries Ltd.
P.O. Box 300
535 Dickson Drive
Fergus, Ontario
N1M 2W8
Emergency Telephone : (613) 996-6666 (CANUTEC)

2. Hazard Identification

Product Classifications :	Oxidizing Liquids	Category 2
	Acute Toxicity, Oral	Category 4
	Skin Corrosion/Irritation	Category 1
	Serious Eye Damage/Eye Irritation	Category 1
	Specific Target Organ Toxicity, Single Exposure	Category 3

Symbols :



Signal Word : Danger

Hazard Statements : May intensify fire; oxidizer.
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause respiratory irritation.

Precautionary Statements : Wear protective gloves, protective clothing and eye protection/face protection.
Do not breathe mists.
Do not eat, drink or smoke when using this product.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep away from clothing and other combustible materials.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Immediately call a POISON CONTROL CENTRE or doctor.
 Store locked up.
 Dispose of contents/container according to local, provincial and federal regulations.

3. Composition/Information on Ingredients

Hazardous Ingredients :

Chemical Name	CAS Number	Concentration (% w/w)
Hydrogen peroxide	7722-84-1	15 – 40

4. First Aid Measures

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTRE or doctor.

IF ON SKIN (or hair): Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Immediately call a POISON CONTROL CENTRE or doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CONTROL CENTRE or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CONTROL CENTRE or doctor.

Symptoms of Acute Exposure :

Eye contact : Burns, redness, watering, pain, loss of vision.
 Skin contact : Severe burns, redness, itching, swelling, damage to underlying tissues.
 Ingestion : Burns, irritation and swelling to mouth, throat and stomach.
 Inhalation : Burns to nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath.

5. Fire Fighting Measures

Suitable Extinguishing Media : As for surrounding fire. Suitable materials include water spray.

Unsuitable Extinguishing Media : Carbon dioxide may be ineffective.

Specific Hazards and Combustion Products : Non-combustible. Decomposition of the product releases oxygen which may intensify fire. If in a fire or heated, container may experience a pressure rise and rupture. During fire, gases hazardous to health may be formed. Combustion products include oxygen.

Protective Equipment and Precautions for Firefighters : As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Move containers from fire area if possible without risk. Keep containers cool with water spray. Collect contaminated fire extinguishing water and other media separately.

6. Accidental Release Measures

Personal Precautions : Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Eliminate sources of ignition. Do not breathe vapour. Provide adequate ventilation. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). Do not allow material to dry on clothing. Drying may cause material to ignite. Only trained and properly protected personnel must be involved in clean-up operations. Material may create slippery conditions.

Containment and Clean Up : Stop leak if it is safe to do so. Dike spilled material, where possible. Absorb with suitable inert dry material such as absorbent clay and place into closed containers for disposal. Use only non-sparking tools. Do not use textiles, sawdust, or combustible substances. Avoid dispersal of spilled material or contact with soil or entry into waterways, sewers and drains. Dispose of contents/containers according to local, provincial, and federal regulations. Following product recovery, flush area with water.

7. Handling and Storage

Handling : Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required (See Section 8: Exposure controls / Personal protection). Wash thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product.

Storage : Keep away from incompatible materials (See Section 10: Stability and Reactivity). Keep away from strong acids, strong bases and heat. Store in a cool, dry, well-ventilated place. Keep container tightly closed when not in use. Store locked up.

8. Exposure Controls/Personal Protection

Control Parameters :

Chemical Name	CAS Number	Value type	Permissible Concentration	Basis
Hydrogen peroxide	7722-84-1	TLV-TWA	1 ppm	ACGIH

Engineering Controls : Ensure adequate ventilation.

Personal Protection :

Eye/Face : Safety glasses or chemical splash goggles, and face shield.
Skin : Protective clothing and chemical-resistant protective gloves.
Respiratory : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
Other : Long pants and long sleeved shirt. Rubber boots and rubber apron as necessary.

9. Physical and Chemical Properties

Appearance : Clear, colourless liquid
Odour : Peroxide
Odour Threshold : Not available
pH : Not available
Freezing Point : Not available
Boiling Point : Not available
Flash Point : Not available
Evaporation Rate : Not available
Flammability : Not available
Lower Flammability Limit : Not available
Upper Flammability Limit : Not available
Vapour Pressure : Not available
Vapour Density : Not available
Relative Density : 1.11
Solubility : Complete in water
Partition Coefficient : Not available
Auto-ignition Temperature : Not available
Decomposition Temperature : Not available
Viscosity : Not available

10. Stability and Reactivity

Reactivity :	With incompatible materials.
Chemical stability :	Chemically stable.
Hazardous reactions :	With incompatible materials. Polymerization not expected to occur. If temperature is elevated or pH is raised, product will release heat and decompose, releasing oxygen.
Conditions to avoid :	Avoid incompatible materials. Avoid heating or elevated temperatures.
Incompatible materials :	Reducing agents, hypochlorites and chlorine-releasing compounds, combustible materials, strong acids, strong bases.
Hazardous decomposition products :	Oxygen which supports combustion.

11. Toxicological Information

Routes of Exposure :

Eye contact :	Causes serious eye damage.
Skin contact :	Causes severe skin burns.
Ingestion :	Causes burns to mouth, throat and stomach.
Inhalation :	Causes burns to nose, throat and respiratory tract.

Symptoms of Acute Exposure :

Eye contact :	Burns, redness, watering, pain, loss of vision.
Skin contact :	Severe burns, redness, itching, swelling, damage to underlying tissues.
Ingestion :	Burns, irritation and swelling to mouth, throat and stomach.
Inhalation :	Burns to nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath.

Chronic Effects : None known.

Calculated Acute Toxicity Estimates

Oral :	1,297 mg/kg
Dermal :	>10,000 mg/kg
Inhalation :	Not available.

12. Ecological Information

Not available.

13. Disposal Considerations

Dispose of contents/container according to local, provincial and federal regulations.

14. Transportation Information

For transportation in a road vehicle or a railway vehicle :

TDG Classification :	UN Number:	2014
	Shipping Name :	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
	Class :	5.1
	Subclass :	8
	Packing Group :	II
	Limited Quantity :	1L or less

15. Regulatory Information

Not available.

16. Other Information

SDS Revision Date : July 11, 2018