

Safety Data Sheet

1. Identification

Product Identifier : CIP Clean
Recommended Uses : CIP Application
Supplier : Sanixperts Chemical Solutions
301-1632 Upper James St.
Hamilton ON
L9B 1K4
Emergency Telephone : (613) 996-6666 (CANUTEC)

2. Hazard Identification

Product Classifications :	Corrosive to Metals	Category 1
	Skin Corrosion/Irritation	Category 1
	Serious Eye Damage/Eye Irritation	Category 1

Symbols :



Signal Word : Danger

Hazard Statements : May be corrosive to metals.
Causes severe skin burns and eye damage.

Precautionary Statements : Do not breathe mists or spray. Wear protective gloves and eye protection/face protection. 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.
Keep only in original packaging. Absorb spillage to prevent material damage. 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)*
Potassium hydroxide	1310-58-3	7 – 13
Sodium hypochlorite	7681-52-9	1 – 5

* The actual concentration is withheld as a trade secret.

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): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing 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, swelling.
Inhalation :	Irritation of 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, dry chemical, carbon dioxide, and alcohol-resistant foam.

Unsuitable Extinguishing Media :

Not available.

Specific Hazards and Combustion Products :

Non-combustible. Contact with soft metals forms flammable hydrogen gas. During fire, gases hazardous to health may be formed. Combustion products include oxides of carbon, chlorine, hydrogen chloride.

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. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). 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. 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.
- Storage :** Keep away from incompatible materials (See Section 10: Stability and Reactivity). Keep away from metals and strong acids. Keep container tightly closed when not in use. Keep only in original packaging. Store in a cool, dry, well-ventilated place. Store locked up.

8. Exposure Controls/Personal Protection

Control Parameters :

Chemical Name	CAS Number	Value type	Permissible Concentration	Basis
Potassium hydroxide	1310-58-3	TLV	2mg/m ³	ACGIH
Sodium hypochlorite	7681-52-9	TLV	Not established	

- Engineering Controls :** Ensure adequate ventilation.
- Personal Protection :**
- Eye/Face :** Safety glasses or chemical splash goggles, and face shield.
 - Skin :** 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

Physical state:	Liquid
Colour :	Clear, pale yellow
Odour :	Chlorine
Odour Threshold :	Not available
pH :	13 – 14
Freezing Point :	Not available
Boiling Point :	Not available
Flash Point :	Not available
Evaporation Rate :	Not available
Flammability (solids and gases) :	Not applicable
Lower Flammability Limit :	Not available
Upper Flammability Limit :	Not available
Vapour Pressure :	Not available
Vapour Density :	Not available
Relative Density :	1.21
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. Contact with soft metals forms flammable hydrogen gas.
Chemical stability :	Chemically stable.
Hazardous reactions :	With incompatible materials. Polymerization not expected to occur.
Conditions to avoid :	Avoid incompatible materials.
Incompatible materials :	Strong acids, soft metals, metals.
Hazardous decomposition products :	Chlorine gas.

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 :	May cause irritation 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, swelling.

Inhalation :	Irritation of nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath.
Chronic Effects :	None known.
Acute Toxicity Estimates	
Oral :	2,000 – 2,500 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. Rinse the emptied container thoroughly prior to disposal. Offer for recycling, if available.

14. Transportation Information

For transportation in a road vehicle or a railway vehicle :

TDG Classification :	UN Number:	3266
	Shipping Name :	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium Hydroxide)
	Class :	8
	Subclass :	none
	Packing Group :	II
	Limited Quantity :	1L

15. Regulatory Information

This product has been classified according to the requirements of the Hazardous Products Regulations and this SDS contains all the required information.

All the ingredients of this product are reported in the following inventories:

Canada : All ingredients are listed on the Domestic Substance List (DSL).

United States : All ingredients are listed as active on the TSCA inventory.

16. Other Information

SDS Revision Date : June 24, 2026

HMIS®		
Health		3
Flammability		0
Physical Hazard		0