

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Apply this product only as specified on the label. Wash contaminated clothing before reusing. Wash thoroughly after handling.

Storage Keep container tightly closed. Store between 4 - 49 C. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection

Eyes Splash goggles, or Safety glasses, and Face shield.

Hands and Body Wear appropriate protective clothing to prevent skin contact.
Recommended: Nitrile gloves. Neoprene gloves. Rubber gloves.
Synthetic apron. Chemical resistant boots.

Protective Clothing (Pictograms)

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Exposure Limits

Name of Hazardous Ingredients	CAS #	Exposure Limits
Potassium Hydroxide	1310-58-3	ACGIH / OSHA (United States). CEIL: 2 mg/m ³
Monoethanolamine	141-43-5	OSHA PEL / ACGIH TLV (United States). TWA: 3 ppm 8 hour(s). OSHA / ACGIH (United States). STEL: 6 ppm 15 minute(s).

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State Liquid.

pH 14 [Basic.]

Boiling Point 130°C (266°F)

Freezing Point Not determined.

Specific Gravity 1.06 (Water = 1)

Solubility Easily soluble in cold water, hot water.

Color Yellow.

Odor Solvent.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate 1 compared to Water

VOC (Consumer) Not available.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive with acids.

Reactivity Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CQ)

Section 11. Toxicological Information

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Reproductive Effects

Mutagenic Effects

Teratogenic Effects

Section 12. Ecological Information

Ecotoxicity Not available.


Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed according to applicable regulations. Consult your local or regional authorities.

Waste Stream

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
TDG Classification	1814	Potassium Hydroxide, Solution	8	II		Explosive Limit and Limited Quantity Index 1

Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to the TDG regulations.

Section 15. Regulatory Information**WHMIS (Canada)** Class E: Corrosive liquid.**Other Regulations** Not available.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the available information required by the CPR.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.