

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 2

Fire Hazard 0

Reactivity 0

Personal Protection r

Common / Trade name ZIP STRIP LOW OD.HIGH POW.STR.

TDG Class 8

WHMIS D2B, E

PIN UN3267 CORROSIVE LIQUID, BASIC, ORGANIC. N.O.S. (Ethanolamine)

Code 2125

PG III

Material uses High powered Stripper

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethanolamine	141-43-5	7-13	ACGIH TLV TWA: 3 ppm STEL: 6 ppm	ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 1000 mg/kg [Rabbit].
Benzyl alcohol	100-51-6	3 - 7	Not available.	
Diethylene glycol monohexyl ether	112-59-4	1 - 5	Not available.	

Section III. First Aid Measures

**Eye contact** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.If irritation persists, get medical attention.

**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.If irritation persists, get medical attention.

**Inhalation** Allow to rest in a well ventilated area. If discomfort persists seek medical attention.

**Ingestion** DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek medical attention. NEVER give an unconscious person anything to ingest.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear.)	Colour	Clear yellow
pH (1% soln/water)	9.5 to 10.5 (Conc. (% w/w): 1) [Basic.]	Odour	Amine.
pH (concentrate)	11.0 - 12.0	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water).	Vapour density	The highest known value is 3.7 (Air = 1) (Benzyl alcohol).
Specific gravity	1.00-1.04	Vapour pressure	Not applicable.
Solubility	Miscible in water.		

Section V. Fire and Explosion Data

The product is	Non-flammable.
Auto-ignition temperature	Not applicable.
Flash points	Higher than 93.3°C (200°F).
Degradation products	Carbon oxides (CO, CO2)
Extinguishing media	Use dry chemical or Carbon dioxide.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	Not available
Reactivity	Slightly reactive to reactive with acids and oxidizing agents.

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Inhalation. Skin.
Toxicity for animals	See section II
Acute effects	Corrosive to eyes and skin.Irritating to respiratory system. Harmful by inhalation and if swallowed.
Chronic effects	No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.

**Section VIII. Preventive measure**

**Waste disposal** Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

**Storage** Store in a cool, well-ventilated area away from incompatible materials.

**Precautions** Avoid contact with skin and eyes. In case of contact with eyes, rinse with plenty of water. In case of contact, flush skin with plenty of water. Wear suitable protective clothing, gloves and eye/face protection.

**Spill and leak** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

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**Section IX. Personal protective equipment**

**Gloves** Gloves.

**Respiratory** A respirator is not needed under normal and intended conditions of product use.

**Eyes** Safety glasses with side shields

**Other** Wear suitable protective clothing, gloves and eye/face protection.

**Eng. controls** No special measures required for normal use conditions.

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**Section X. Preparation and other Information**

Validated by the Regulatory Affairs Department on February 12th 2013

**EMERGENCY: CANUTEC 613-996-6666**

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.

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**Annex A. Legend**

**HMIS** Hazardous Materials Identification System

**WHMIS** WHMIS Workplace Hazardous Materials Information System

**TDG** Transport Dangerous Goods

**PIN** Product Identification Number

**PG** Packaging Group

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