

Section I. Product Identification and Uses

HMIS (HFRP)
Health Hazard 2
Fire Hazard 3
Reactivity 0
Personal Protection r

Common / Trade name EP83 FLOOR STRIPPER **TDG** Class 3(8)
WHMIS B2, D1B, D2A, D2B, E **PIN** UN2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S (Ethanol, Ethanolamine)
Code 2242 **PG** III
Material uses Floor Stripper

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethanol	64-17-5	10 - 30	OSHA (Canada). TWA: 1000 ppm ACGIH (Canada). TWA: 1000 ppm NIOSH (Canada). TWA: 1000 ppm 8 hour (s).	ORAL (LD50): Acute: 3450 mg/kg [Mouse]. 7060 mg/kg [Rat].
Ethanolamine	141-43-5	10 - 30	ACGIH TLV (Canada). TWA: 3 ppm STEL: 6 ppm	ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 1000 mg/kg [Rabbit].
Ethylene glycol	107-21-1	10 - 30	Not available.	ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit].
Alcohol ethoxylate (C9-C11)	68439-46-3	1 - 5	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat].
Alcohol C9-C11 ethoxylate	34398-01-1	1 - 5	Not available.	Not available.

Section III. First Aid Measures

Eye contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
Skin contact Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section IV. Physical Data

Physical state and appearance	Liquid.	Colour	Straw to light yellow
pH (1% soln/water)	10.5 to 11.5 (Conc. (% w/w): 1%) [Basic.]	Odour	Orange.
pH (concentrate)	11.5 - 12.5	Volatility	Not available.
Boiling point	The lowest known value is 78.4°C (173.1°F) (Ethanol). Weighted average: 148.8°C (299.8°F)	Vapour density	Not available.
Specific gravity	0.975 - 0.995 (Water = 1)	Vapour pressure	The highest known value is 5.3 kPa (40 mm Hg) (at 20°C) (Ethanol). Weighted average: 1.79 kPa (13.43 mm Hg) (at 20°C)
Solubility	Easily soluble in cold water, hot water.		

Section V. Fire and Explosion Data

The product is Flammable.
Auto-ignition temperature The lowest known value is 363°C (685.4°F) (Ethanol).
Flash points Closed cup: 27°C (80.6°F).
Degradation products These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...).
Extinguishing media SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

Stability The product is stable.
Decomp. products Carbon oxides (CO, CO2).
Reactivity Slightly reactive to reactive with oxidizing agents, acids.

Section VII. Toxicological properties

Route of entry Ingestion. Skin contact. Inhalation. Eye contact.

Toxicity for animals See section II.

Acute effects Aspiration hazard if swallowed. Harmful by inhalation, in contact with skin and if swallowed. This product is a eye irritant. This product may irritate skin upon contact.

Chronic effects Non-hazardous in case of inhalation. CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH [Ethanol].

Section VIII. Preventive measure

Waste disposal Recycle, if possible. Consult your local or regional authorities.

Storage Keep away from heat, from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).

Precautions Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

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

Section IX. Personal protective equipment

Gloves Gloves (impervious).

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Splash goggles.

Other Synthetic apron.

Eng. 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.

Section X. Preparation and other Information

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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 of 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.

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
