

Section I. Product Identification and Uses

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

Common / Trade name RENEW HD LAUND.EMULS.&PRE-SPOT TDG Not regulated material under TDG (Canada).  
WHMIS D2B PIN Not applicable.  
Code 2012 PG Not applicable.  
Material uses Laundry emulsifier detergent

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Alcohols C12-C13 ethoxylated	66455-14-9	10 - 30	Not available.	ORAL (LD50): Acute: 13627 mg/kg [Rat]. DERMAL (LD50): Acute: 3300 mg/kg [Rabbit]
Dipropylene glycol monomethyl ether	34590-94-8	7 - 13	Not available.	ORAL (LD50): Acute: 5380 mg/kg [Rat]. 5200 mg/kg [Rat]. DERMAL (LD50): Acute: 9510 mg/kg [Rabbit].
Ethanolamine	141-43-5	1 - 5	ACGIH TLV (Canada). TWA: 3 ppm STEL: 6 ppm	ORAL (LD50): Acute: 1515 mg/kg [Rat]. DERMAL (LD50): Acute: 2504 mg/kg [Rabbit].

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. If irritation persists, get medical attention.  
**Skin contact** In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.  
**Inhalation** If inhaled, remove to fresh air. If discomfort persists seek medical attention.  
**Ingestion** Do not induce vomiting. Have conscious person drink several glasses of water. Get medical attention immediately.

Section IV. Physical Data

Physical state and appearance	Clear liquid.	Colour	Blue.
pH (1% soln/water)	10.0 - 11.0	Odour	Lavender/solvent
pH (concentrate)	11.0 - 11.6	Volatility	Not available.
Boiling point	Not determined. The lowest known value is 100°C (212°F) (Water).	Vapour density	Not determined.
Specific gravity	1.005 to 1.025 (Water = 1)	Vapour pressure	Not determined. The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water).
Solubility	Miscible in water.		

Section V. Fire and Explosion Data

The product is Non-flammable.  
Auto-ignition temperature Not available.  
Flash points Not applicable.  
Degradation products Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...)  
Extinguishing media SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Section VI. Reactivity data

Stability The product is stable.  
Decomp. products See fire degradation products.  
Reactivity Incompatible with oxidizing agents, acids.

Section VII. Toxicological properties

Route of entry Eye contact. Skin contact. Inhalation. Ingestion.  
Toxicity for animals See section II.  
Acute effects Irritating to eyes and skin.  
Chronic effects No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA. Prolonged exposure may cause skin and eye chronic irritation.

**Section VIII. Preventive measure**

- Waste disposal** Recycle, if possible. Consult your local or regional authorities.
- Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Precautions** Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. In case of contact, immediately flush skin with plenty of water.
- Spill and leak** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
- 

**Section IX. Personal protective equipment**

- Gloves** Gloves.
- Respiratory** Wear appropriate respirator when ventilation is inadequate.
- Eyes** Safety glasses.
- Other** Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire or spill.
- Eng. controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
- 

**Section X. Preparation and other Information**

Validated by the Regulatory Affairs Department on 19 Apr. 2016

**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.

---

**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
-