

Section I. Product Identification and Uses

HMIS (HFRP)
Health Hazard 1
Fire Hazard 0
Reactivity 0
Personal Protection b

Common / Trade name EP40 HE LAUNDRY DETERGENT TDG Not regulated material under TDG (Canada).
WHMIS D2B PIN Not applicable.
Code 2322 PG Not applicable.
Material uses HE Laundry Detergent

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Alcohols, C9-11 ethoxylated	68439-46-3	1 - 5	Not available.	ORAL (LD50): Acute: > 4600 mg/kg [Rat]. DERMAL (LD50):Acute: > 2000 mg/kg [Rabbit]
Alcohols, C12-13 ethoxylated	66455-14-9	1 - 5	Not available.	ORAL (LD50):Acute: 13627 mg/kg [Rat] DERMAL (LD50):Acute: 3300 mg/kg [Rabbit]
Alkylpolyglucoside	110615-47-9	1 - 5	Not available	ORAL (LD50):Acute: > 5000 mg/kg [Rat] DERMAL (LD50):Acute: > 2000 mg/kg [Rabbit]
Alkylbenzene Sulfonic Acid	68584-22-5	1 - 5	Not available.	ORAL (LD50):Acute: > 5000 mg/kg [Rat] DERMAL (LD50):Acute: > 5000 mg/kg [Rabbit]

Section III. First Aid Measures

Eye contact In case of contact with eyes, rinse immediately with plenty of water.If irritation persists, get medical attention.
Skin contact Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek 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 immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear.)	Colour	Yellow.
pH (1% soln/water)	8.5 - 9.5	Odour	Mountain Breeze.
pH (concentrate)	9.5 - 10.5	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water).	Vapour density	Weighted average: 1 (Air = 1)
Specific gravity	1.01 - 1.05	Vapour pressure	The highest known value is 2.3 kPa (at 20°C) (Water).
Solubility	Miscible in water.		

Section V. Fire and Explosion Data

The product is Non-flammable.
Auto-ignition temperature Not applicable.
Flash points Not applicable.
Degradation products Not applicable.
Extinguishing media Not applicable

Section VI. Reactivity data

Stability The product is stable.
Decomp. products See fire degradation products.
Reactivity Slightly reactive to reactive with oxidizing agents and acids.

Section VII. Toxicological properties

Route of entry Eye contact. Skin contact Ingestion.
Toxicity for animals See section II.
Acute effects Irritating to eyes. May be irritating to skin. May be harmful if swallowed.
Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL EFFECTS: Not available. Repeated or prolonged contact with spray mist may produce chronic eye irritation and skin defatting.

Section VIII. Preventive measure

Waste disposal	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
Storage	No specific storage is required.
Precautions	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water.
Spill and leak	Dilute with water and mop up. Dispose of in accordance with federal, provincial, or local regulations.

Section IX. Personal protective equipment

Gloves	Gloves.
Respiratory	Not applicable.
Eyes	Safety glasses.
Other	Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.
Eng. controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on January 10th 2014

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
