

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	0
		Personal Protection	b
Common / Trade name	KAIDRI RINSE AID	TDG	Not controlled under TDG (Canada).
WHMIS	D1A, D2B	PIN	Not applicable.
Code	0919	PG	Not available.
Material uses	Industrial applications: Rinse Aid		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Alcohols, C12-14 ethoxylated, propoxylated	68439-51-0	10 - 30	Not available.	ORAL (LD50): Acute: 3234 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].
2-Butoxyethanol	111-76-2	5 - 10	ACGIH TLV (Canada). TWA: 20 ppm EU OEL (Canada). Skin VME: 25 ppm	ORAL (LD50): Acute: 1480 mg/kg [Rat.]. 1230 mg/kg [Mouse]. 320 mg/kg [Rabbit]. DERMAL (LD50): Acute: 400 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. 927 ppm 4 hour(s) [Mouse].

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Skin contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Inhalation	Allow the victim 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	Colorless.
pH (1% soln/water)	5.9 (Conc. (% w/w): 100) [Acidic.]	Odour	Slight
pH (concentrate)	5.9	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water).	Vapour density	The highest known value is > 1 (Air = 1) (Alcohols, C12-C14, ethoxylated propoxylated). Weighted average: 1.03 (Air = 1)
Specific gravity	1.001 (Water = 1)	Vapour pressure	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 applicable.
Flash points	Not applicable.
Degradation products	Not applicable.
Extinguishing media	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

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

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity for	See section II.

animals

Acute effects Irritating to eyes and skin.Dangerous in case of skin contact irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly dangerous in case of skin contact (permeator).

Chronic effects 2-Butoxyethanol : In animals, effects have been reported on the following organs : Blood (hemolysis), secondary effect to the kidney and liver. Human red blood cells have been shown to be significantly less sensitive to hemolysis than those of rodents and rabbits.2-Butoxyethanol : No evidence of risk in human.

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 dry, cool and well ventilated area. Keep away from incompatibles.

Precautions Avoid contact with skin and eyes.In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.Wear suitable gloves and eye/face protection.

Spill and leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section IX. Personal protective equipment

Gloves Nitrite gloves.

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

Eyes Splash goggles.

Other Synthetic apron.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 threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

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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
