

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	1
		Fire Hazard	0
		Reactivity	0
		Personal Protection	b
Common / Trade name	KLEEN SHEEN Concentrated Clnr	TDG	Not controlled under TDG (Canada).
WHMIS	D2B	PIN	None
Code	1482	PG	None
Material uses	Industrial applications: Cleaner degreaser		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Alkoxy polyethylenoxy ethanol	68439-46-3	5 - 10	Not available.	ORAL (LD50): Acute: 1400 mg/kg [Rat].
Sodium alkylbenzene sulfonate.	68081-81-2	5 - 10	Not available.	Not available.
Ethanol	64-17-5	1 - 5	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].

Section III. First Aid Measures

Eye contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, get medical attention.
Skin contact	Thoroughly wash the skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists.
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	Amber. (Light.)
pH (1% soln/water)	Neutral	Odour	Floral.
pH (concentrate)	7 - 9	Volatility	78% (v/v).
Boiling point	100°C (212°F)	Vapour density	Weighted average: 1.02 (Air = 1)
Specific gravity	1.01 to 1.03 (Water = 1)	Vapour pressure	The highest known value is 5.3 kPa (40 mm Hg) (at 20°C) (Ethanol). Weighted average: 2.21 kPa (16.58 mm Hg) (at 20°C)
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	Carbon oxides (CO, CO2) sulfur oxides (SO2, SO3...)
Extinguishing media	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

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

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Skin contact.
Toxicity for animals	See section II.
Acute effects	Dangerous in case of ingestion. This product may irritate eyes. Prolonged contact with skin may cause irritation.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated exposure may cause chronic eye and skin irritation.

Section VIII. Preventive measure

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

Storage Keep container tightly closed. Keep in a cool, well-ventilated place.

Precautions Avoid contact with eyes.

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 (impervious) are recommended for prolonged contact with bulk quantities.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Safety glasses.

Other Splash goggles. Full suit. Boots. Gloves. : Are recommended under exceptional circumstances (fire, spill, ...)

Eng. controls Exhaust ventilation or other eng. controls to keep concentrations of vapors below the threshold limits. Eyewash and safety showers.

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
