

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	1
		Fire Hazard	1
		Reactivity	0
		Personal Protection	a
Common / Trade name	ORANGO HAND CLEANER	TDG	Not controlled under TDG (Canada).
WHMIS	D2B	PIN	None
Code	0141	PG	None
Material uses	Hand cleaner		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
ORANGE TERPENES	68647-72-3	7 - 13	Not available.	Not available.
Ethoxylated branched c11-c14, c13-rich alcohols	78330-21-9	1 - 5	Not available.	ORAL (LD50): Acute: 2850 mg/kg [Rat].
Polyethylene glycol octylphenyl ether	9002-93-1	1 - 5	Not available.	ORAL (LD50): Acute: 1500 mg/kg [Rat].
Lauryl alcohol ethoxylated/propoxylated.	68551-13-3	1 - 5	Not available.	Not available.

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
Skin contact	Gently and thoroughly wash the skin with running water.
Inhalation	Not applicable.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Opaque. Viscous liquid.)	Colour	Grey. (Light.)
pH (1% soln/water)	Not available	Odour	Orange.
pH (concentrate)	7.0 - 7.5	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water). Weighted average: 106.19°C (223.1°F)	Vapour density	The highest known value is 1 (Air = 1) (Alcohols, C12-15, ethoxylated, propoxylated). Weighted average: 1.01 (Air = 1)
Specific gravity	1.03 to 1.05 (Water = 1)	Vapour pressure	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water).
Solubility	Soluble in water, methanol. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.		

Section V. Fire and Explosion Data

The product is	May be combustible at high temperature.
Auto-ignition temperature	Not available.
Flash points	Closed cup: Higher than 93.3°C (200°F).
Degradation products	These products are carbon oxides (CO, CO2).
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	Reactive with oxidizing agents. Non-reactive with organic materials, metals.

Section VII. Toxicological properties

Route of entry	Ingestion. Eye contact.
Toxicity for animals	See section II.
Acute effects	May cause severe eye irritation. Harmful if swallowed. Prolonged contact with skin may cause defatting

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

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.
Precautions DO NOT ingest. Avoid contact with eyes. Keep out of reach of children. Keep from freezing.
Spill and leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section IX. Personal protective equipment

Gloves Not applicable.
Respiratory Not applicable.
Eyes Splash goggles are recommended for prolonged contact only.
Other Splash goggles, full suit, boots, gloves: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.
Eng. controls Ensure that eyewash stations are proximal to the work-station location.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 8 May 2007

Printed 29 May 2007

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
