

Section I. Product Identification and Uses

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

Common / Trade name	ORANGO HAND CLEANER	TDG	Not regulated material under TDG (Canada).
WHMIS	Not, a, WHMIS, controlled, material.	PIN	None
Code	0906	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.
Lauryl alcohol ethoxylated/propoxylated.	68551-13-3	0.5 - 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. NEVER give an unconscious person anything to ingest. Seek medical attention.

Section IV. Physical Data

Physical state and appearance	Opaque and viscous liquid.	Colour	Light grey.
pH (1% soln/water)	5.5 - 6.5	Odour	Orange.
pH (concentrate)	6.5 - 7.5	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, C12-15, ethoxylated, propoxylated). Weighted average: 1.01 (Air = 1)
Specific gravity	1.04 to 1.07 (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 Not available.

Acute effects May cause severe eye irritation. Harmful if swallowed. Prolonged contact with skin may cause defatting

Chronic effects No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.

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

Section IX. Personal protective equipment

Gloves	Gloves (impervious) are recommended for prolonged contact with bulk quantities.
Respiratory	Not applicable.
Eyes	Safety glasses.
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

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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
