

Section I. Product Identification and Uses

HMIS (HFRP)
Health Hazard 2
Fire Hazard 4
Reactivity 0
Personal Protection b

Common / Trade name	ORANGO Organic Based Deodorant	TDG	Class 2.1
WHMIS	A, B5, D2B	PIN	UN1950 AEROSOLS
Code	1049	PG	X
Material uses	Other non specified industry: DEODORIZER, DEGREASER.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
D-Limonene	5989-27-5	30 - 60	Not available.	ORAL (LD50): Acute: 4400 mg/kg [Rat].
Isobutane	75-28-5	30 - 60	TWA: 1000 ppm	VAPOR (LC50): Acute: 142500ppm 4 hour(s) [Rat].
Ethanol	64-17-5	7 - 13	TWA: 1000 ppm	ORAL (LD50): Acute: 7060 mg/kg [Rat].
Propane	74-98-6	5-10	TWA: 1000 ppm	ORAL (LD50):Acute: > 5000 mg/kg [Rabbit]

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, seek medical attention.

Skin contact Gently and thoroughly wash the skin with running water and non-abrasive soap.

Inhalation Allow to rest in a well ventilated area.If discomfort persists seek medical attention.

Ingestion DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Seek medical attention.

Section IV. Physical Data

Physical state and appearance	Aerosol.	Colour	Light yellow
pH (1% soln/water)	Not applicable	Odour	Citrus.
pH (concentrate)	Not applicable	Volatility	100% (w/w).
Boiling point	78 to 175.5°C (172.4 to 347.9°F)	Vapour density	> 1 (Air = 1)
Specific gravity	0.67 to 0.71 (Water = 1)	Vapour pressure	Not available
Solubility	Miscible in water.		

Section V. Fire and Explosion Data

The product is Extremely flammable. Flame Projection: > 15 cm but < 100 cm

Auto-ignition temperature 422°C (791.6°F)

Flash points Closed cup: 13 to 46°C (55.4 to 114.8°F). ()

Degradation products Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

Extinguishing media SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

Section VI. Reactivity data

Stability The product is stable under normal conditions.

Decomp. products See fire degradation products.

Reactivity With open flames and sparks

Section VII. Toxicological properties

Route of entry Eye contact.Inhalation. Skin contact. Ingestion.

Toxicity for animals See section II

Acute effects If ingested might cause headache, nausea and weakness.Inhalation of the spray mist may produce irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.Propellant is a simple asphyxiant.May cause skin irritation.May cause eye irritation.

Chronic effects No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.Repeated or prolonged contact with irritants may cause dermatitis.

Section VIII. Preventive measure

- Waste disposal** Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local and federal regulations.
- Storage** Compressed gases should be stored in a separate safety storage cabinet or room. Store in a cool, well ventilated area not to exceed 50 deg. C.
- Precautions** Avoid contact with skin and eyes. Do not breathe gas/fumes/ vapor/spray. Do not ingest. Keep away from sources of ignition. Keep away from heat. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Keep container tightly closed and in a well-ventilated place. Keep out of reach of children.
- Spill and leak** Remove all source of ignition. Use an inert absorbent, and non-sparking tools. Ventilate area.
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Section IX. Personal protective equipment

- Gloves** Gloves (impervious)
- Respiratory** In case of insufficient ventilation, wear suitable respiratory equipment.
- Eyes** Splash goggles.
- 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** Ventilation is normally required when handling or using this product.
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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 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
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