

Section I. Product Identification and Uses

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

<b>Common / Trade name</b>	ORANGO Organic Based Deodorant	<b>TDG</b>	Class 2.1
<b>WHMIS</b>	A, B5, D2B	<b>PIN</b>	UN1950 AEROSOLS
<b>Code</b>	1049	<b>PG</b>	X
<b>Material uses</b>	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

<b>Eye contact</b>	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.
<b>Skin contact</b>	Gently and thoroughly wash the skin with running water and non-abrasive soap.
<b>Inhalation</b>	Allow to rest in a well ventilated area.If discomfort persists seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Seek medical attention.

Section IV. Physical Data

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

Section V. Fire and Explosion Data

<b>The product is</b>	Extremely flammable. Flame Projection: > 15 cm but < 100 cm
<b>Auto-ignition temperature</b>	422°C (791.6°F)
<b>Flash points</b>	Closed cup: 13 to 46°C (55.4 to 114.8°F). ( )
<b>Degradation products</b>	Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.
<b>Extinguishing media</b>	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

<b>Stability</b>	The product is stable under normal conditions.
<b>Decomp. products</b>	See fire degradation products.
<b>Reactivity</b>	With open flames and sparks

Section VII. Toxicological properties

<b>Route of entry</b>	Eye contact.Inhalation. Skin contact. Ingestion.
<b>Toxicity for animals</b>	See section II
<b>Acute effects</b>	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.
<b>Chronic effects</b>	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.
- 

**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.
- 

**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 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
-