

Section I. Product Identification and Uses

HMIS (HFRP)
Health Hazard 1
Fire Hazard 4
Reactivity 0
Personal Protection r

Common / Trade name	7T ALCOHOL HAND SANITIZER	TDG	Class 3
WHMIS	Cosmetic, /, Not, controlled, under, WHMIS.	PIN	UN 1170 ETHANOL SOLUTION
Code	2195	PG	II
Material uses	Hand sanitizer		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethyl alcohol	64-17-5	60 - 100	STEL: 1000 ppm	ORAL (LD50): Acute: 10470 mg/kg [Rat]. DERMAL (LD50):Acute: 17100 mg/kg [Rabbit]

Section III. First Aid Measures

Eye contact Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Cold water may be used. Get medical attention.

Skin contact If irritation develops or increases, use of the product should be discontinued. If irritation persists for more than 5 days, consult a doctor.

Inhalation Allow the victim to rest in a well ventilated area.

Ingestion Have conscious person drink several glasses of water. Seek immediate medical attention. Do not induce vomiting.

Section IV. Physical Data

Physical state and appearance	Clear gel	Colour	Colorless.
pH (1% soln/water)	Neutral.	Odour	Alcohol.
pH (concentrate)	6.0 - 7.3	Volatility	95% (v/v). (Ethanol.)
Boiling point	The lowest known value is 78.4°C (173.1°F) (Ethanol).	Vapour density	Weighted average: 1.36 (Air = 1)
Specific gravity	0.875 to 0.895 (Water = 1)	Vapour pressure	The highest known value is 5.3 kPa (40 mm Hg) (at 20°C) (Ethanol).
Solubility	Easily soluble in cold water, hot water.		

Section V. Fire and Explosion Data

The product is Flammable.

Auto-ignition temperature The lowest known value is 363°C (685.4°F) (Ethanol).

Flash points Closed cup: 20,5°C (68,9°F)

Degradation products These products are carbon oxides (CO, CO2).

Extinguishing media SMALL FIRE: Use DRY chemicals, CO2, alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Section VI. Reactivity data

Stability The product is stable.

Decomp. products See fire degradation products.

Reactivity Slightly reactive to reactive with oxidizing agents.

Section VII. Toxicological properties

Route of entry Ingestion.

Toxicity for animals See section II.

Acute effects No specific information is available in our database regarding the acute toxic effects of this material for humans.

Chronic effects CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH [Ethanol]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: PROVEN [Ethanol] The substance is toxic to blood, the nervous system, the reproductive system, liver, upper respiratory tract, eyes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section VIII. Preventive measure

- Waste disposal** Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
- Storage** Keep away from heat, from sources of ignition. Keep in a cool, well-ventilated place. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).
- Precautions** Keep away from heat. Keep away from sources of ignition. DO NOT ingest. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids. Avoid contact with eyes.
- Spill and leak** Eliminate all sources of ignition and ventilate the area. Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water. Dispose of in accordance with federal, provincial, or local regulations.
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Section IX. Personal protective equipment

- Gloves** Gloves are recommended for prolonged contact with bulk quantities.
- Respiratory** In case of insufficient ventilation, wear suitable respiratory equipment.
- Eyes** Splash goggles are recommended for prolonged contact with bulk quantities.
- Other** Face shield, full suit, boots:are recommended under exceptional circumstances such as fire, spill or for prolonged contactwith bulk quantites.
- Eng. controls** Provide exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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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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