



# Safety and Training Sheet

*For education and training program (according to WHMIS 2015-GHS compliant)*

Printing date 26.05.2017

Reviewed on 17.01.2017

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## 1 • Product and company identification

- . **Product name:** 7T ALCOHOL HAND SANITIZER
- . **Article number:** 2195177001, 2195180001, 2195198001
- . **DIN/NPN number:** 80015781
- . **Article category:** For commercial and industrial use only
- . **Recommended use:**
  - Personal care product
  - Hand sanitizer
- . **Restrictions on use:** All other uses than those indicated on the product label and technical data sheet
- . **Manufacturer:**
  - Avmor LTD
  - 950, Michelin
  - Laval, QC, H7L 5C1
  - Canada
  - 1-800-387-8074
  - www.avmor.com
- . **Emergency telephone number:** CANUTEC 1-613-996-6666

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## 2 • Hazard identification

- . **Additional information:**

This product is registered as a drug according to the Food and Drugs Act (R.S.C., 1985, c. F-27). It is not regulated under the Hazardous Products Act (R.S.C., 1985, ch. H-3). The following information is provided to our customers for their training and safety programs.
- . **Hazard statements:**
  - WARNING: For external use only. Do not ingest.
  - Avoid contact with eyes.
  - Keep out of reach of children.
  - See Section 11 for toxicological information.
  - HIGHLY FLAMMABLE LIQUID AND VAPOR.
  - CAUSES SERIOUS EYE IRRITATION.
  - MAY CAUSE DROWSINESS OR DIZZINESS.

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## 3 • Composition/Information on ingredients

- . **Components:**

The ingredients in this product are in compliance with Health Canada regulations. If required, they are listed on the label of the product.

|         |        |
|---------|--------|
| Ethanol | 40-70% |
|---------|--------|

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## 4 • First aid measures

- . **Description of first aid measures**
- . **General information:** No special measures required under normal use.

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### . After inhalation:

Rarely cause discomfort; supply fresh air and consult physician in case of complaints.

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

### . After skin contact:

No skin irritation is expected under normal use. The product may be irritating to skin if prolonged or repeated contact occurs.

Discontinue use if irritation or redness develops. If condition persists for more than 72 hours, contact a physician.

### . After eye contact:

Rinse opened eye for several minutes under running water. If irritation persists, get medical attention.

### . After ingestion:

Rinse out mouth and then drink plenty of water. Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless directed to do so by medical personnel.

### . Most important symptoms and effects, both acute and delayed:

People who have skin sensitization may be susceptible to irritating effects when using the product.

## 5 • Firefighting measures

### . Suitable extinguishing media:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### . Specific hazards arising from the product:

No further relevant information available.

### . Special protective equipment and precautions for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### . Additional information:

See Section 9 for the flammability characteristics of this product.

## 6 • Accidental release measures

### . Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Dilute with plenty of water.

### . Methods and material for containment and cleaning up:

Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### . Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 • Handling and storage

### . Precautions for safe handling:

No special precautions are necessary if used correctly.

### . Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

### . Requirements to be met by storerooms and receptacles:

Store in a cool location.

### . Information about storage in one common storage facility:

Store away from oxidizing agents.

### . Conditions for safe storage, including any incompatibilities:

Store in cool, dry conditions in well sealed receptacles.

## 8 • Exposure controls/ Personal protection

### . Components with limit values that require monitoring at the workplace:

#### Ethanol

EL (Canada) Short-term value: 1000 ppm

EV (Canada) Long-term value: 1.900 mg/m<sup>3</sup>, 1.000 ppm

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**. General protective and hygienic measures:**

- Avoid contact with the eyes.
- Immediately remove all soiled and contaminated clothing.
- Do not carry product impregnated cleaning cloths in trouser pockets.
- Follow proper hygiene procedures. There are no special requirements for respiratory, eye and skin protection during normal use of this product.
- When cleaning large spills, wear eye and skin protection. Launder clothing before reuse.

## 9 • Physical and chemical properties

- . **Form:** Clear gel
- . **Colour:** Colorless
- . **Odour:** Ethanol
- . **pH-Value:** 4.8 – 7.0 (25 °C)
- . **Boiling point/Boiling range:** N/D
- . **Fusion temperature / range:** Not determined
- . **Flash point:** N/D
- . **Flammability (solid, gaseous):** Not applicable
- . **Relative density:** 0.875 – 0.895 (25 °C)
- . **Solubility in / Miscibility with Water:** Fully miscible
- . **Solvent content:**
- . **VOC content:** N/D

## 10 • Stability and reactivity

- . **Reactivity:** Not determined.
- . **Chemical stability:** The product is stable.
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **Possibility of hazardous reactions:** Flammable.
- . **Conditions to avoid:** No further relevant information available.

## 11 • Toxicological information

**. Numerical measures of acute toxicity:**

| Components              | Type       | Value (Species)  |
|-------------------------|------------|------------------|
| <b>Mean of exposure</b> |            |                  |
| <b>Ethanol</b>          |            |                  |
| Oral                    | LD50       | 7060 mg/kg (Rat) |
| Inhalative              | LC50 (4 h) | 20000 mg/L (Rat) |

**. Symptomes related to the physical, chemical and toxicological characteristics**

**. By inhalation:**

Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.

**. If on the skin:** May cause irritation by prolonged contact with skin.

**. If on the eye:**

Irritating effect.

May cause irritation with redness.

**. After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

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- . **Sensitization:** No sensitizing effects known.
- . **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**  
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

## 12 • Ecological information

- . **Toxicity** No data available.
- . **Ecotoxicity:** No relevant information available.

## 13 • Disposal considerations

- . **Waste treatment methods recommendation:**  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements.  
Dispose in accordance with all applicable federal, state, provincial and local laws and regulations. Contact your local, state, provincial or Federal environmental agency for specific rules.
- . **Uncleaned packagings recommendation:** Dispose of packaging according to regulations on the disposal of packagings.
- . **Recommended cleansing agent:** Water

## 14 • Transport information

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

- . **UN-Number**
- . **DOT, IMDG, IATA** UN1170
- . **UN proper shipping name**
- . **DOT+TDG** Ethanol mixture
- . **IMDG** ETHANOL (ETHYL ALCOHOL) mixture
- . **IATA** ETHANOL mixture
- . **Transport hazard class(es)**
  
- . **DOT, IMDG, IATA**
- . **Class** 3 Flammable liquids
- . **Packing group**
- . **DOT, IMDG, IATA II**

## 15 • Regulatory information

- . **Canadian Ingredient Disclosure list (limit 0.1%)**  
Ethanol
- . **Canadian Ingredient Disclosure list (limit 1%)**  
None of the ingredients is listed.

## 16 • Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

- . **Department issuing document:**  
Prepared by :  
Regulatory Affairs Department