



Safety and Training Sheet

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

Printing date 07/04/2020

Reviewed on 07/04/2020

1 • Product and company identification

- . **Product Identifier:** 7T ALCOHOL HAND SANITIZER
- . **Other means of identification (Article number):** 2195
- . **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,
 - Canada
 - H7L 5C1
 - 1-800-387-8074
 - www.avmor.com
- . **Emergency telephone number:** CANUTEC 1-613-996-6666

2 • Hazard identification

- . **Additional information:**

This product is registered as a drug or a natural health product 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.
 - H225 Highly flammable liquid and vapour.
 - H319 Causes serious eye irritation.
 - H336 May cause drowsiness or dizziness.

3 • Composition/Information on ingredients

- . **Chemical characterization:** Mixtures
- . **Components:**

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

CAS NO.	Chemical name or Common name	%
64-17-5	Ethanol	40-70% w/w *

* Actual concentration ranges are withheld as a trade secret.

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4 • First aid measures

. Description of first aid measures

. General information: No special measures required under normal use.

. 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:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

. For safety reasons unsuitable extinguishing agents: N/A

. 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.

6 • Accidental release measures

. Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to item 13.

7 • Handling and storage

. Precautions for safe handling: No special precautions are necessary if used correctly.

. 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:

64-17-5 Ethanol

EL (Canada) STEL: 1000 ppm

EV (Canada) TWA: 1,900 mg/m³, 1,000 ppm

. Exposure controls:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

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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

. Appearance:

Form: Clear gel

Colour: Colorless

. **Odour:** Ethanol

. **pH:** 4.8 – 7.0 (25°C)

. **Boiling point/Boiling range:** N/A

. **Flash point:** N/A

. **Flammability (solid, gaseous):** Not applicable

. **Relative density:** 0.875 – 0.895 (25 °C)

. **Solubility in / Miscibility with** Soluble dans l'eau

10 • Stability and reactivity

. Reactivity:

Not determined.

No further relevant information available.

. **Chemical stability:** The product is stable.

. **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)
Mean of exposure		
64-17-5 Ethanol		
Oral	LD50	7,060 mg/kg (Rat)
Inhalative	LC50 (4 h)	20,000 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.

. **Sensitization:** No sensitizing effects known.

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- . **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/TDG, IMDG, IATA** UN1170
- . **UN proper shipping name**
- . **DOT/TDG** RQ Ethanol
- . **IMDG** ETHANOL (ETHYL ALCOHOL)
- . **IATA** ETHANOL
- . **Transport hazard class(es)**

- . **DOT, IMDG, IATA**
- . **Class** 3 Flammable liquids
- . **Packing group**
- . **DOT/TDG, IMDG, IATA** II
- . **Limited quantities (LQ)** 1L

15 • Regulatory information

- . **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- . **Canadian Ingredient Disclosure list (limit 0.1%)**
64-17-5 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.

- . **Contact:** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

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- . **Department issuing document:**
Prepared by :
Regulatory Affairs Department
 - . **Date of the latest revision of the safety data sheet** 07/04/2020 / -
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