

**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915,*  
*1926*

### 1 Identification

- **Product identifier**
  - Trade name: ***EP67 Ready to use Heavy Duty Industrial Degreaser***
    - **Article number:** 2097210001
    - **Recommended use** Industrial Degreaser.
    - **Restrictions on use**  
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet**
  - **Manufacturer:**  
Avmor Ltd.  
950, Michelin  
Laval, QC,  
Canada  
H7L 5C1  
1-800-387-8074  
www.avmor.com  
info@avmor.com
  - **Client Identification Number** 119100
  - **Emergency telephone number:** CANUTEC 1-613-996-6666

### 2 Hazard(s) identification

- **Classification of the product:**



Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard statements:**

H319 Causes serious eye irritation.

- **Precautionary statements**

P280 Wear eye or face protection equipment.

P264 Wash thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

- **Hazard not otherwise classified** None

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· **Notes:** For the wording of the listed abbreviations refer to section 16.

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### **3 Composition/information on ingredients**

· **Dangerous components:**

C A S  
(% w/w)

C o m p o n e n t

68991-48-0 Alcohols C7-21 ethoxylated

1-≤2.5%

### **4 First-aid measures**

· **General information:**

· **After inhalation:**

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

· **After skin contact:** May induce a skin irritation.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After ingestion:** If symptoms persist consult a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

### **5 Fire-fighting measures**

· **Suitable extinguishing media**

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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**

In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO<sub>x</sub>) and nitrogen dioxide (NO<sub>x</sub>).

· **Advice for firefighters**

· **Special protective equipment and precautions for fire-fighters** No special measures required.

· **Additional information** This product is not flammable.

### **6 Accidental release measures**

· **Personal precautions, protective equipment and emergency procedures**

Wear recommended protective equipment(s). Keep unprotected persons away.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

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

Ensure adequate ventilation.

### **7 Handling and storage**

· **Handling:**

· **Precautions for safe handling**

Ensure good ventilation at the workplace.

Prevent formation of aerosols.

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- **Conditions for safe storage, including any incompatibilities**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Conditions for safe storage, including any incompatibilities**  
Keep in the original receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

### **8 Exposure controls/personal protection**

- **Appropriate engineering controls** Ensure appropriate aeration and ventilation.
- **Control parameters**
  - **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
    - **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
  - **Personal protective equipment:**



Tightly sealed goggles



Protective gloves

- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Eye protection:** Tightly sealed goggles
- **Body protection:** No special measures required.

### **9 Physical and chemical properties**

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- **Form:** Liquid
- **Colour:** Colorless.

- **Odour:** Odourless.

- **Odour threshold:** Not determined.

- **pH-value at 25 °C:** 9.0-11.0

- **Change in condition**

- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** 100 °C

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· <b>Flash point:</b>	Not determined.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	23 hPa
· <b>Density at 25 °C:</b>	1.000-1.010 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density (air=1)</b>	<1 (aqueous solution)
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	Fully miscible
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	0.0 %

### **10 Stability and reactivity**

- **Reactivity** The product is basic.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with acids.
- **Conditions to avoid** Avoid freezing and extreme heat conditions.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**  
In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

### **11 Toxicological information**

- **Information on the likely routes of exposure** Skin and eyes contact
- **Acute toxicity:**
  - **Numerical mesures of toxicity**

· <b>Components</b>	<b>Type</b>	<b>Value (Species)</b>
<b>Mean of exposure</b>		
<b>ATE (Acute Toxicity Estimates)</b>		
Oral	LD50	1366065 mg/kg (rat)

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Dermal	LD50	144991 mg/kg
Inhalative	LC50 (4 h)	9149 mg/L (rat)

· **Symptomes related to the physical, chemical and toxiological 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.

· **after ingestion:**

May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

· **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.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
 Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

**12 Ecological information**

· **Persistence and degradability**

Organic compounds of this product are readily biodegradable according to the OECD Guideline 301.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** Does not accumulate in organisms

· **Mobility in soil** No further relevant information available.

· **Ecotoxicity** No relevant information available

· **General notes:** Not known to be hazardous to water.

**13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Water.

**14 Transport information**

· DOT, ADN, IMDG, IATA

Not regulated.

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<b>· UN proper shipping name</b> · DOT	Not regulated.
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<b>· Transport hazard class(es)</b> · Class	Not regulated.
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<b>· Packing group</b> · DOT	Not regulated.
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<b>· Environmental hazards:</b> · Marine pollutant:	No
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<b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
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### **15 Regulatory information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

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.

· **Date of creation/last revision:** 05/21/2015

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A