

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

## 1 Identification

- **Product identifier**
  - Trade name: ***EP60 Metalon Stainless Steel Cleaner Polish***
  - **Article number:** 2307210001, 2307278001
  - **Recommended use** Stainless Steel Cleaner Polish
  - **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 Dam. 1 H318 Causes serious eye damage.

- **Label elements**

- **Hazard pictograms:**



GHS05

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

Alcohols, C12-16, ethoxylated

- **Hazard statements:**

H318 Causes serious eye damage.

- **Precautionary statements**

P280 Wear eye or face protection equipment.

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

P310 Immediately call a poison center or a doctor.

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 2  
Fire = 1  
Reactivity = 0

- **Hazard not otherwise classified** None
- **Notes:** For the wording of the listed abbreviations refer to section 16.

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

- **Dangerous components:**

C A S  
(% w/w)

C o m p o n e n t

68551-12-2	Alcohols, C12-16, ethoxylated	3-<10%
108-32-7	Propylene carbonate	3-<10%

### **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. Remove contact lenses, if present and easy to do so. Continue rinsing for a minimum of 15 to 60 minutes. Then consult a doctor.
  - **After ingestion:** If symptoms persist consult a doctor.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed**  
Contact can cause pain, redness, burns, and even blistering. Burns may not be immediately painful; onset of pain may be delayed minutes to hours. Permanent damage including blindness can result after prolonged contact with eyes.

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

- **Suitable extinguishing media**
- **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**  
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.

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### **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
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.
- **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** None.
- **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

- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Tightly sealed goggles

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· **Body protection:** No special measures required.

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

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

· **General Information**

· **Appearance:**

· **Form:** Fluid  
 · **Colour:** White

· **Odour:** Citrus.  
 · **Odour threshold:** Not determined.

· **pH-value at 25 °C:** 5.0-7.0

· **Change in condition**

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

· **Flash point:** > 94 °C

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

· **Ignition temperature:** 430 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· **Lower:** Not determined.  
 · **Upper:** Not determined.

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 25 °C:** 1.000-1.030 g/cm<sup>3</sup>  
 · **Relative density:** Not determined.  
 · **Vapour density (air=1):** <1 (aqueous solution)  
 · **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.

· **Solvent content:**

· **Organic solvents:** 6.0 %

### **10 Stability and reactivity**

· **Reactivity:** Not determined.

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- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **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 measures 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	25000 mg/kg (rat)	
Dermal	LD50	12728 mg/kg	
Inhalative	LC50 (4 h)	2800 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:** Strong irritant with the danger of severe eye injury.
  - **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**

· <b>IARC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.

· <b>NTP (National Toxicology Program)</b>
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.

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

**15 Regulatory information**

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

· <b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.

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· **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 Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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