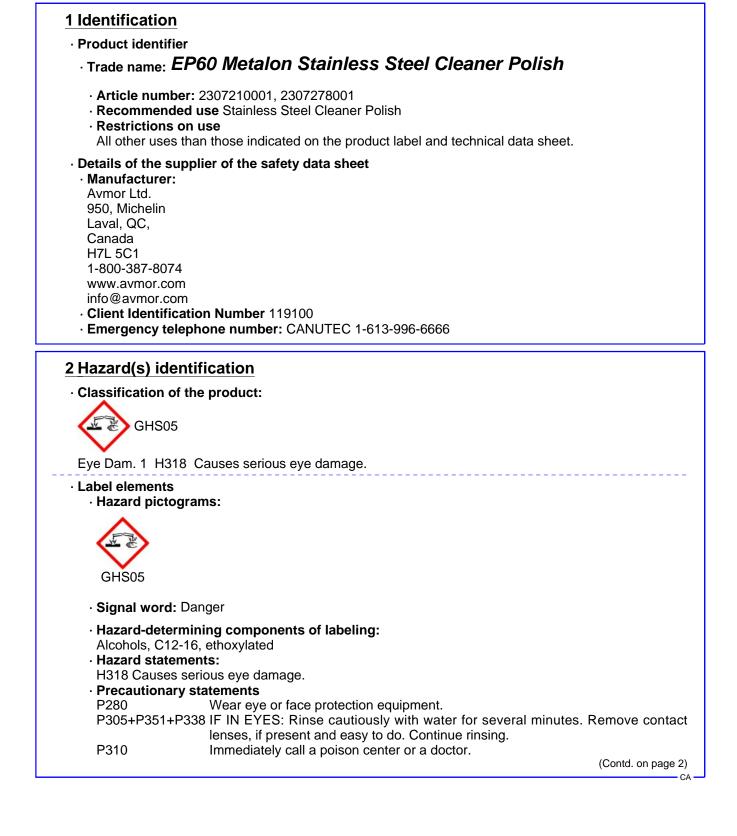
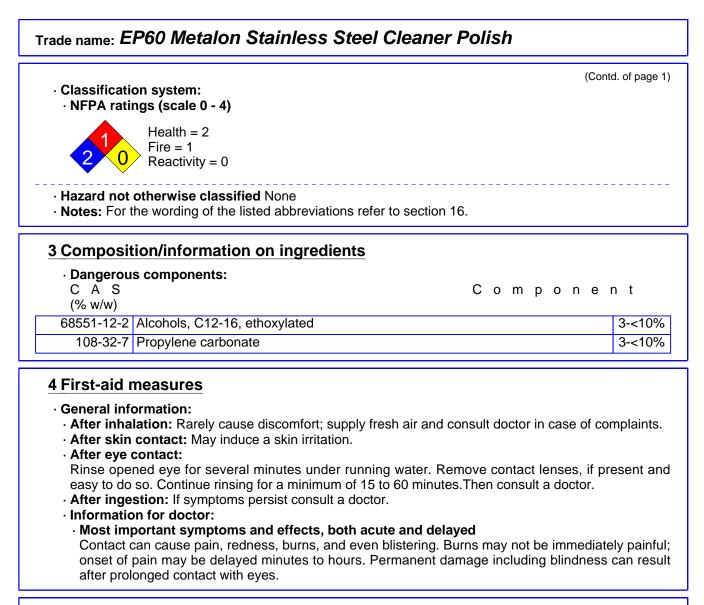


# Safety Data Sheet

acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,

1926





# 5 Fire-fighting measures

· Suitable extinguishing media

· Suitable extinguishing media

CO2, 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 (COx) and nitrogen dioxide (NOx).

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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# Trade name: EP60 Metalon Stainless Steel Cleaner Polish

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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 engerering 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 meas	Contd. of page (Contd. of page )
Physical and chemical proper	ties
Information on basic physical and c	hemical 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.
<ul> <li>Boiling point/Boiling range:</li> </ul>	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.
<ul> <li>Vapour pressure at 20 °C:</li> </ul>	23 hPa
<ul> <li>Density at 25 °C:</li> </ul>	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/wat	ter): Not determined.
· Viscosity:	
· Dynamic:	Not determined.
Solvent content:	<b>2</b> 2 4 4
· Organic solvents:	6.0 %

# · Reactivity Not determined.

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Trade name: EP60 Metalon Stainless Steel Cleaner Polish
<ul> <li>Chemical stability <ul> <li>Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.</li> </ul> </li> <li>Possibility of hazardous reactions No dangerous reactions known.</li> <li>Conditions to avoid Avoid freezing and extreme heat conditions.</li> <li>Incompatible materials: This product may react with strong oxidizing agents.</li> <li>Hazardous decomposition products: In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.</li> </ul>
<u>11 Toxicological information</u> · Information on the likely routes of exposure Skin and eyes contact · Acute toxicity: · Numerical mesures of toxicity
Components Type Value (Species) Mean of exposure
ATE (Acute Toxicity Estimates)
Oral LD50 25000 mg/kg (rat)
Dermal LD50 12728 mg/kg
Inhalative LC50 (4 h) 2800 mg/L (rat)
<ul> <li>Symptomes related to the physical, chemical and toxiological characteristics         <ul> <li>by inhalation:</li> <li>Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.</li> <li>If on the skin: May cause irritation by prolonged contact with skin.</li> <li>If on the skin: May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.</li> <li>Sensitization: No sensitizing effects known.</li> </ul> </li> <li>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.</li> <li>Additional toxicological information:             <ul> <li>The product shows the following dangers according to internally approved calculation methods for preparations:             <ul> <li>Irritant</li> </ul> </li> </ul></li></ul>
· 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.

(Contd. on page 6) CA

Trade name: EP60 Metalon Stainless Steel Cleaner Polish (Contd. of page 5) · 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

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.

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# Trade name: EP60 Metalon Stainless Steel Cleaner Polish

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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