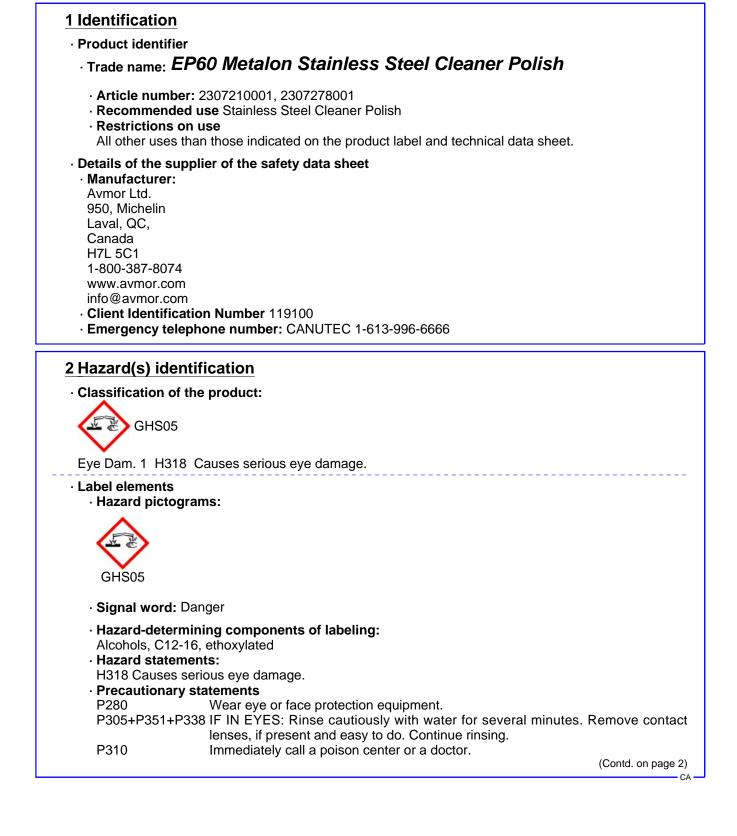
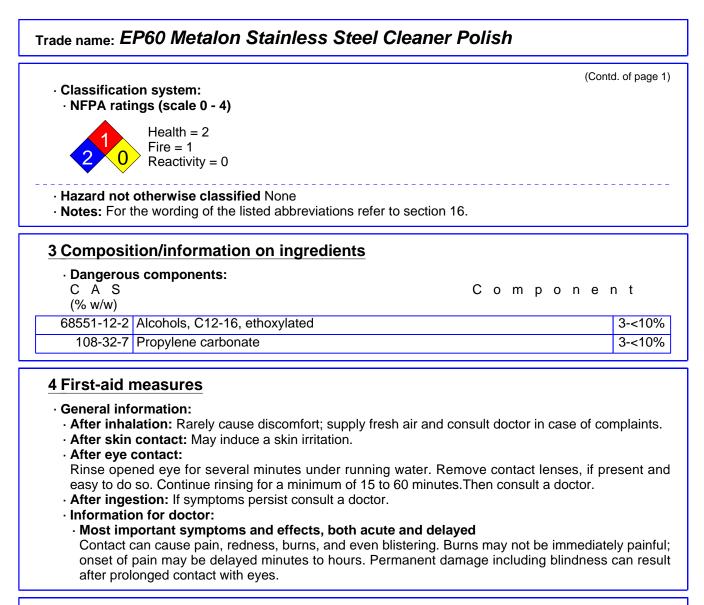


Safety Data Sheet

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.
 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 ³
· 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:	2 2 4 4
· Organic solvents:	6.0 %

· Reactivity Not determined.

(Contd. on page 5)

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Trade name: EP60 Metalon Stainless Steel Cleaner Polish
 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.
<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)
 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 skin: 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.

(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

(Contd. of page 6)

· 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