

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

1 Identification

- **Product identifier**
 - Trade name: ***EP76 Cream cleanser***

 - **Article number:** 2095210001
 - **Recommended use** Hard Surface Cleaner & 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
 - **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.

(Contd. on page 2)

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

Trade name: **EP76 Cream cleanser**

(Contd. of page 1)

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



Health = 1
 Fire = 0
 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

37244-96-5	Nepheline syenite	3-<10%
112926-00-8	Precipitated silica (Silica-Amorphous)	1-≤2.5%
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**
- **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 (CO_x) and nitrogen dioxide (NO_x).
- **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.

(Contd. on page 3)

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

Trade name: **EP76 Cream cleanser**

(Contd. of page 2)

- **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**
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:**

112926-00-8 Precipitated silica (Silica-Amorphous)

EL (Canada)	Long-term value: 4* 1.5** mg/m ³ Precipitated and gel;*total;**respirable
EV (Canada)	Long-term value: 10 mg/m ³

· **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.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Tightly sealed goggles
- **Body protection:** No special measures required.

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(Contd. on page 4)

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

Trade name: **EP76 Cream cleanser**

(Contd. of page 3)

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· **Form:** Viscous Liquid
 · **Colour:** White to gray.

· **Odour:** Odourless.

· **Odour threshold:** Not determined.

· **pH-value at 25 °C:** 10.0-11.0

· **Change in condition**

· **Melting point/Melting range:** Undetermined.

· **Boiling point/Boiling range:** 100 °C

· **Flash point:** Not determined.

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

· **Ignition temperature:** Not determined.

· **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:** 1.050-1.090 g/cm³

· **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:** 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.

(Contd. on page 5)

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

Trade name: **EP76 Cream cleanser**

(Contd. of page 4)

- **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**

· Components		Type	Value (Species)
Mean of exposure			
ATE (Acute Toxicity Estimates)			
Oral	LD50		512000 mg/kg (rat)
Dermal	LD50		111111 mg/kg (rat)
Inhalative	LC50 (4 h)		5556 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.

- **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)		
112926-00-8	Precipitated silica (Silica-Amorphous)	3

- **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:**

Germany: Water hazard class 3 (Self-assessment): extremely hazardous for water.

(Contd. on page 6)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
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Trade name: **EP76 Cream cleanser**

(Contd. of page 5)

Germany: Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Germany: Danger to drinking water if even extremely small quantities leak into the ground.

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.

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

None of the ingredients is listed.

(Contd. on page 7)

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

Trade name: **EP76 Cream cleanser**

(Contd. of page 6)

· **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

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