

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

1 Identification

- **Product identifier**
 - Trade name: ***Biomor Urinal Pucks***
 - **Article number:** 2130854001
 - **Recommended use** Urinal pucks
 - **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:**



Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- **Precautionary statements**
P280 Wear protective gloves and eye or face protection.
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.
P321 Specific treatment (see on this label).
P337+P313 If eye irritation persists: Get medical attention.

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P302+P352 If on skin: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

· **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

497-19-8	sodium carbonate	10-<25%
61789-31-9	Fatty acids, coco, sodium salts	3-<10%
8052-48-0	Fatty acids, tallow, sodium salts	3-<10%
68140-00-1	Coconut fatty acid monoethanolamide	3-<10%
25155-30-0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	2.5-<3%

4 First-aid measures

· **General information:**

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **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.

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· **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.

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**

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.

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- 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:** Protective work clothing

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

- Form: Solid

- Colour: Blue

- Odour: Apple.

- Odour threshold: Not determined.

- pH-value: Not determined.

- Change in condition

- Melting point/Melting range: Undetermined.

- Boiling point/Boiling range: Undetermined.

- Flash point: Not determined.

- Flammability (solid, gaseous): Not applicable.

- Ignition temperature:

- 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.

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· Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Non applicable
· Relative density	Not determined.
· Vapour density (air=1)	Not determined.
· 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** Not determined.
- **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** No further relevant information available.
- **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**

· Components		Type	Value (Species)
· Mean of exposure			
ATE (Acute Toxicity Estimates)			
Oral	LD50		15369 mg/kg (rat)
Dermal	LD50		13423 mg/kg
Inhalative	LC50 (4 h)		19167 mg/L (rat)

- **Symptomes related to the physical, chemical and toxicological characteristics**
 - **by inhalation:** Not applicable
 - **If on the skin:** Irritant to skin and mucous membranes.
 - **If on the eye:** Irritating effect.
 - **after ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

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

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- | | |
|--|-----------------|
| · 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.

 · **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:** 05/15/2015

- **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

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

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