

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

### **1 Identification**

- **Product identifier**
  - Trade name: **IMPACT Floor Stripper**
  - **Article number:** 2360278001, 2360334001
  - **Recommended use** Floor stripper
  - **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:**



Skin Corr. 1C H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
Eye Dam. 1 H318 CAUSES SERIOUS EYE DAMAGE.



STOT SE 3 H335 MAY CAUSE RESPIRATORY IRRITATION.

- **Label elements**

- **Hazard pictograms:**



GHS05 GHS07

- **Signal word:** Danger
- **Hazard-determining components of labeling:**  
2-Aminoethanol
- **Hazard statements:**  
H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

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H335 MAY CAUSE RESPIRATORY IRRITATION.

· **Precautionary statements**

- P260 Do not breathe dusts or mists.
- P280 Wear protective gloves and eye or face protection.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P303+P361+P353 IF ON SKIN OR HAIR: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P304+P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P310 Immediately call a POISON CENTER or a doctor.
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents and container in accordance with local, regional and national regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **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		C o m p o n e n t
(% w/w)		

34590-94-8	(2-methoxymethylethoxy)propanol	10-<25%
100-51-6	Benzyl Alcohol	10-<25%
141-43-5	2-Aminoethanol	10-<25%

**4 First-aid measures**

· **General information:**

Immediately remove any clothing soiled by the product. Wash contaminated clothing before reuse.

· **After inhalation:**

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

· **After skin contact:**

Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist.

· **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.

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- **After ingestion:**  
Drink copious amounts of water and provide fresh air. Immediately call a doctor. Do not induce vomiting.
- **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.

### **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.
- **Methods and material for containment and cleaning up:**  
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralizing agent (eg. food vinegar (5% acetic acid), citric acid, sodium bicarbonate in excess)  
Dispose contaminated material as waste according to item 13.  
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.  
Store under lock and key and out of the reach of children.
- **Specific end use(s)** No further relevant information available.

### **8 Exposure controls/personal protection**

- **Appropriate engineering controls** Ensure appropriate aeration and ventilation.

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· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**34590-94-8 (2-methoxymethylethoxy)propanol**

EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm Skin
EV (Canada)	Short-term value: 910 mg/m <sup>3</sup> , 150 ppm Long-term value: 605 mg/m <sup>3</sup> , 100 ppm

**141-43-5 2-Aminoethanol**

EL (Canada)	Short-term value: 6 ppm Long-term value: 3 ppm
EV (Canada)	Short-term value: 15 mg/m <sup>3</sup> , 6 ppm Long-term value: 7.5 mg/m <sup>3</sup> , 3 ppm

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**



Tightly sealed goggles



Protective gloves

· **General protective and hygienic measures:**

- Avoid contact with the eyes and skin.
- Do not breathe dust, fume, gas, mist, vapors or spray.
- 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 breathing dust, fume, gas, mist, vapors or spray.

- **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:** Liquid
- **Colour:** Colourless to orange

- **Odour:** Amine
- **Odour threshold:** Not determined.

· **pH-value at 25 °C:** 10.7-11.7

· **Change in condition**

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

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· Boiling point/Boiling range:	100 °C
· Flash point:	Not determined.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	270 °C
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	1.1 Vol %
· Upper:	14.0 Vol %
· Vapour pressure at 20 °C:	23 hPa
· Density at 25 °C:	1.012-1.032 g/cm <sup>3</sup>
· 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:	49.4 %

### **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.
- **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

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- **Acute toxicity:**
- **Numerical measures of toxicity**

· Components Mean of exposure	Type	Value (Species)
<b>ATE (Acute Toxicity Estimates)</b>		
Oral	LD50	5058 mg/kg (rat)
Dermal	LD50	4386 mg/kg (rabbit)
Inhalative	LC50 (4 h)	72.2 mg/L

<b>100-51-6 Benzyl Alcohol</b>		
Oral	LD50	1230 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 (4 h)	5000 mg/L (rat)

<b>141-43-5 2-Aminoethanol</b>		
Oral	LD50	2050 mg/kg (rat)
Dermal	LD50	1000 mg/kg (rabbit)
Irritation of skin	OECD guideline 404	cat. 1 (rabbit)
Irritation of eyes	OECD, guideline 405	cat. 1B (rabbit)
Sensitization	OECD, guideline 406	not classified (guinea pig)

- **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:** CORROSIVE: Strong caustic effect on skin and mucous membranes.
- **If on the eye:**  
CORROSIVE: Strong caustic effect.  
Strong irritant with the danger of severe eye injury.
- **after ingestion:**  
May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
- **Sensitization:** Sensitization possible through skin contact.
- **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:  
Corrosive  
Irritant  
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
- **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.

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**12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:**

**141-43-5 2-Aminoethanol**

EC50 (48 h, OECD guideline 202)	65 mg/L (daphnia magna [water flea])
EC50 (72 h, OECD guideline 201)	2.5 mg/L (Pseudokirchnerella subcapitata)
NOEC (21 d, OECD guideline 202)	0.85 mg/L (daphnia magna [water flea])

· **Persistence and degradability** No relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **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.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

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

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

**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**

· <b>DOT, IMDG, IATA</b>	UN3267
· <b>UN proper shipping name</b> · <b>DOT</b>	Corrosive liquid, basic, organic, n.o.s. (Ethanolamine, Sodium hydroxide)
· <b>Transport hazard class(es)</b> · <b>Class</b>	8 Corrosive substances
· <b>Packing group</b> · <b>DOT</b>	III
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	No

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- **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:** 07/28/2015

· **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

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C

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

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3