

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

1 Identification

- **Product identifier**
 - Trade name: ***EP75 Graffiti Remover***
 - **Article number:** 2087210001, 2087278001
 - **Recommended use** Graffiti remover
 - **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:**



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**

P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P241	Use explosion-proof equipment.
P280	Wear protective gloves and eye or face protection.
P240	Ground/bond container and receiving equipment.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.

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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.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 1

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

C A S	(% w/w)	C o m p o n e n t	
627-93-0	dimethyl adipate		10-<25%
577-11-7	docusate sodium		3-<10%
1569-01-3	1-propoxypropan-2-ol		3-<10%
1119-40-0	dimethyl glutarate		3-<10%

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** Use fire fighting measures that suit the environment.

· **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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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).
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.

· **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

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· **Body protection:** No special measures required.

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

- **Form:** Fluid
- **Colour:** Colorless.
- **Odour:** Characteristic
- **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:** 53 °C

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

· **Ignition temperature:** 252 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

- **Lower:** Not determined.
- **Upper:** Not determined.

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 25 °C:**

- **Relative density** 1.020-1.040 g/cm³
- **Vapour density (air=1)** Not determined.
- **Evaporation rate** <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 %

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

· Components Mean of exposure	Type	Value (Species)
ATE (Acute Toxicity Estimates)		
Oral	LD50	14067 mg/kg (rat)
Dermal	LD50	8568 mg/kg
Inhalative	LC50 (4 h)	55 mg/L (rat)

627-93-0 dimethyl adipate		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 (4 h)	>11 mg/L (rat)
Irritation of eyes	OECD, guideline 405	cat. 2B (rabbit)
Sensitization	OECD, guideline 406	cat. 2 (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:** 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

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· **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

· **Toxicity**

· **Aquatic toxicity:**

627-93-0 dimethyl adipate

EC50 (48 h, OECD guideline 202) 72 mg/L (daphnia magna [water flea])

EC50 (72 h, OECD guideline 201) >100 mg/L (algae)

LC50 (96 h, OECD guideline 203) 18-24 mg/L (pimephales promelas [fathead minnow])

· **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:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even 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.

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|--|-----------------|
| · 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:** 04/28/2015

- **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

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