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:
  ![GHS07](image)
  Eye Irrit. 2A H319 Causes serious eye irritation.

· Label elements
  · Hazard pictograms:
    ![GHS07](image)

· 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.

(Contd. on page 2)
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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**

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>% w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>627-93-0</td>
<td>dimethyl adipate</td>
<td>10-&lt;25%</td>
</tr>
<tr>
<td>577-11-7</td>
<td>docusate sodium</td>
<td>3-&lt;10%</td>
</tr>
<tr>
<td>1569-01-3</td>
<td>1-propoxypropan-2-ol</td>
<td>3-&lt;10%</td>
</tr>
<tr>
<td>1119-40-0</td>
<td>dimethyl glutarate</td>
<td>3-&lt;10%</td>
</tr>
</tbody>
</table>

**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**
  - 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.
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:**

    - **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
Trade name: **EP75 Graffiti Remover**

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

### 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Information</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
<td>Fluid</td>
</tr>
<tr>
<td><strong>Form:</strong></td>
<td>Fluid</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>Colorless.</td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td>Characteristic</td>
</tr>
<tr>
<td><strong>Odour threshold:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>pH-value at 25 °C:</strong></td>
<td>5.0-7.0</td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Melting point/Melting range:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Boiling point/Boiling range:</strong></td>
<td>100 °C</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>53 °C</td>
</tr>
<tr>
<td><strong>Flammability (solid, gaseous):</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Ignition temperature:</strong></td>
<td>252 °C</td>
</tr>
<tr>
<td><strong>Decomposition temperature:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Auto igniting:</strong></td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td><strong>Danger of explosion:</strong></td>
<td>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</td>
</tr>
<tr>
<td><strong>Explosion limits:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Lower:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Upper:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapour pressure at 20 °C:</strong></td>
<td>23 hPa</td>
</tr>
<tr>
<td><strong>Density at 25 °C:</strong></td>
<td>1.020-1.040 g/cm³</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapour density (air=1)</strong></td>
<td>&lt;1 (aqueous solution)</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Solubility in / Miscibility with</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Water:</strong></td>
<td>Fully miscible.</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water):</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dynamic:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Solvent content:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Organic solvents:</strong></td>
<td>0.0 %</td>
</tr>
</tbody>
</table>
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**
      - **Type**
      - **Value (Species)**
    - **Mean of exposure**
      - **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)
  - **Symptoms 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
Trade name: **EP75 Graffiti Remover**

### 12 Ecological information

**Toxicity**

- **Aquatic toxicity:**
  
<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50 (48 h, OECD guideline 202)</th>
<th>EC50 (72 h, OECD guideline 201)</th>
<th>LC50 (96 h, OECD guideline 203)</th>
</tr>
</thead>
<tbody>
<tr>
<td>627-93-0 dimethyl adipate</td>
<td>72 mg/L (daphnia magna [water flea])</td>
<td>&gt;100 mg/L (algae)</td>
<td>18-24 mg/L (pimephales promelas [fathead minnow])</td>
</tr>
</tbody>
</table>

**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**: Not regulated.
- **DOT**: Not regulated.
- **Transport hazard class(es)**
  - **Class**: Not regulated.
Trade name: **EP75 Graffiti Remover**

### 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