


1 Identification

- **Product identifier** 75000-077
- **Trade name: Medi-Sol Adhesive Remover**
- **Application of the substance / the mixture** Removal of adhesive from skin.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ORANGE-SOL
Blending & Packaging, Inc.
1400 N. Fiesta Blvd., Bldg. 100
Gilbert, AZ 85233-1000
USA
Toll Free 800-877-7771
Tel 480-497-8822
- **Information department:** Product safety department
- **Emergency telephone number:**
Infotrac
800-535-5053

2 Hazard(s) Identification

- **Classification of the substance or mixture**
H227 Combustible liquid.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**


Health = 0
Fire = 2
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

| | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 2 | Fire = 2 |
| REACTIVITY | 0 | Reactivity = 0 |
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
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3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
 - **Description:** Mixture of the substances listed below with nonhazardous additions.
 - **Dangerous components:** No hazardous components
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4 First-Aid Measures

- **Description of first aid measures**
 - **General information:** No special measures required.
 - **After inhalation:** Move to fresh air. If irritation develops and persists, contact a physician.
 - **After skin contact:**
Remove affected clothing. Wash skin thoroughly with soap and water. Irritation develops and persists, contact a physician.
 - **After eye contact:**
Remove contact lenses, flush with water for at least 15 minutes while lifting eyelids. If irritation develops and persists, contact a physician.
 - **After swallowing:** Do not induce vomiting. May cause chemical pneumonia if aspirated into lungs.
 - **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
 - **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.
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5 Fire-Fighting Measures

- **Extinguishing media**
 - **Suitable extinguishing agents:** Treat as Oil Fire CO2 Dry Chemical Foam.
 - **Special hazards arising from the substance or mixture**
As with any organic material, combustion will produce carbon dioxide and/or carbon monoxide.
 - **Advice for firefighters** Do not use streams of water; may spread burning liquid.
 - **Protective equipment:**
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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 See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
 - **Precautions for safe handling**
No special measures required.
Avoid prlonged skin contact. Wash affected skin after using.
 - **Information about protection against explosions and fires:**
Store in tightly closed, original container away from flame or other ignition source.
 - **Conditions for safe storage, including any incompatibilities**
Store in dry, cool and well-ventilated area.
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.
 - **Specific end use(s)** No further relevant information available.
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8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see item 7.
 - **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.
 - **Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
 - **Breathing equipment:** Avoid breathing mist.
 - **Protection of hands:** Gloves recommended for over-exposure.
 - **Material of gloves** Chemical resistant gloves.
 - **Eye protection:** Goggles recommended based on splash potential.
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9 Physical and Chemical Properties

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|--|--------------|
| · Information on basic physical and chemical properties | |
| · General Information | |
| · Appearance: | |
| Form: | Fluid |
| Color: | Clear-Orange |
| Odor: | Citrus |
| · pH-value: None | |

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|--|---|
| · Change in condition Boiling point/Boiling range: | Undetermined. |
| · Flash point: | 86 °C (187 °F) (PMCC, ASTM D-93) |
| · Flammability (solid, gaseous): | Non-Flammable |
| · Auto igniting: | Product is not selfigniting |
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Explosion limits: Lower: Upper: | Not determined. Not determined. |
| · Vapor pressure at 20 °C (68 °F): | 0.2mm Hg |
| · Weight per Gallon: · Specific Gravity · Evaporation rate | 6.7500lbs/gal .8090 (BuAc=1) .06 |
| · Solubility in / Miscibility with Water: · Other information | Not miscible or difficult to mix. No further relevant information available. |

10 Stability and Reactivity

- **Reactivity** Not determined.
- **Chemical stability** Stable
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Keep away from heat or source of ignition.
- **Incompatible materials:** Strong oxidizers, acids and alkalis.
- **Hazardous decomposition products:** CO, CO₂

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity:**

| |
|---|
| · LD/LC50 values that are relevant for classification: |
| Oral LD50 >16 ml/kg (rat) |

- **Primary irritant effect:**
- **on the skin:** Mild skin irritant
- **on the eye:** Mild eye irritant
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

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When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

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|--|
| · IARC (International Agency for Research on Cancer) |
| None of the ingredients is listed. |
| · NTP (National Toxicology Program) |
| None of the ingredients is listed. |
| · OSHA-Ca (Occupational Safety & Health Administration) |
| None of the ingredients is listed. |

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Biodegradable
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Biodegradable
This product has been evaluated for RCRA characteristics and does not meet the criteria for a hazardous waste, if discarded in its purchased form.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

| | |
|----------------------------------|---------------|
| · UN-Number | NA |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | Not Regulated |
| · DOT, ADN, IMDG, IATA | not regulated |

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| | |
|---|-----------------|
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | Not Regulated |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

15 Regulatory Information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

| | |
|--|------------------------------------|
| · Section 355 (extremely hazardous substances): | None of the ingredients is listed. |
| · Section 313 (Specific toxic chemical listings): | None of the ingredients is listed. |
| · TSCA (Toxic Substances Control Act): | None of the ingredients is listed. |
| · Proposition 65 | |
| · 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. |
| · Carcinogenic categories | |
| · 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. |

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- **Product related hazard informations:**

- Observe the general safety regulations when handling chemicals.

- The product is not subject to identification regulations according to directives on hazardous materials.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **Department issuing SDS:** Environment protection department.

- **Contact:** Jack Farnsworth

- **Date of preparation / last revision** 06/09/2015 / -

- **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)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent



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