MATERIAL SAFETY DATA SHEET
According to 1907/2006/EC, Article 31

1. Product identification and manufacturer

<table>
<thead>
<tr>
<th>CHEMICAL DESCRIPTION</th>
<th>CAS #</th>
<th>EINECS#</th>
<th>%</th>
<th>EU CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>214-277-2</td>
<td>&lt;30</td>
<td>Not Applicable*</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>211-020-6</td>
<td>&lt;70</td>
<td>Not Applicable*</td>
</tr>
</tbody>
</table>

*D This ingredient is not classified as a hazardous substance in the EU according to EC directive 67/548/EEC

**Listed as a toxic chemical under reporting requirements of section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 372

2. Hazards Identification

Hazard Description: NONE

Information concerning particular hazards for human and environment:
This product is not dangerous under directive 1999/45/EC and subsequent amendments
No Ingredients according to directive 2004/648/EC

3. Composition /Information on ingredients

4. First-aid measures

- **Eyes:** Flush with large amounts of running water while holding upper and lower lids open. Get medical attention if irritation persists.
- **Skin:** Remove contaminated clothing and shoes. Wash with plenty of water. Wash clothes before reuse.
- **Inhalation:** No danger to inhalation.
- **Ingestion:** If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. Fire-fighting measures

- **Suitable extinguishing media:** For safety reasons use one of the following: CO2, Dry chemical, Foam.
- **Hazardous combustion products:** May form: carbon dioxide and carbon monoxide.
- **Protection of firefighters:** Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, and face mask.
- **Flash Point:** >200F / >94C TCC
- **Auto ignition Temperature:** >650
- **Flammable Limits:** LEL: 0.8% UEL: 8.1%

6. Accidental release measures

- **Personal precautions:** No data.
- **Environmental precautions:** Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities.
- **Measures for cleaning/collecting:** Stop spill at source. Wear appropriate protective equipment. Contain and recover liquid when possible. Collect liquid in an appropriate chemical waste container with an inert absorbent.

7. Handling and storage

- **Special handling procedures and equipment:** Not applicable.
- **Specific storage requirements:** Keep container tightly closed when not in use.

8. Exposure controls/personal protection

- **Respiratory Protection:** If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator.
- **Ventilation:** Not required
- **Local Exhaust:** Explosion-proof
- **Protective Gloves:** Recommended to prevent skin contact.
- **Eye Protection:** Glasses or goggles in compliance with OSHA regulations.
- **Other Protective Equip/Clothing:** Wear impervious clothing to prevent skin contact.
9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless, clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet</td>
</tr>
<tr>
<td>Density</td>
<td>1.06</td>
</tr>
<tr>
<td>Solubility</td>
<td>Slightly</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No Data</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>-10°F/-23°C</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No Data</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;200°F / 94°C TCC</td>
</tr>
<tr>
<td>Acute oral toxicity</td>
<td>No Data</td>
</tr>
<tr>
<td>Acute inhalation toxicity</td>
<td>No Data</td>
</tr>
<tr>
<td>Acute dermal toxicity</td>
<td>No Data</td>
</tr>
<tr>
<td>Density</td>
<td>1.06</td>
</tr>
<tr>
<td>Solubility</td>
<td>Slightly</td>
</tr>
<tr>
<td>pH</td>
<td>5 - 7</td>
</tr>
<tr>
<td>%Volatil</td>
<td>80</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

- **Stability**: Stable
- **Hazardous decomposition products**: May form; Carbon monoxide and carbon dioxide.
- **Hazardous reactions**: Product will not undergo hazardous polymerization.
- **Incompatibilities**: Avoid contact with; Strong oxidizers, alkalis, and acids.
- **Conditions to Avoid**: Avoid contact with; excessive heat

11. Toxicological information

- **Acute oral toxicity**: No Data
- **Acute inhalation toxicity**: No Data
- **Acute dermal toxicity**: No Data
- **Additional toxicological information**: No Data

12. Ecological information

- **Aquatic toxicity**
  - Acute and prolonged toxicity to fish: No data
  - Acute toxicity to aquatic Invertebrates: No data
- **Environmental fate and pathways**
  - No data

13. Disposal considerations

- **Waste disposal methods**
  Dispose of in accordance with all applicable local, state and federal regulations.

14. Transport information

- **Land transport ADR/RID (cross-border)**
  - ADR/RID Class: Not applicable
  - Danger code (Kemier): Not applicable
  - UN Number: Not applicable
  - Packing group: Not applicable
  - Hazard label: Not applicable
  - Description of goods: Not applicable

- **Maritime transport IMDG**
  - IMDG Class: Not applicable
  - UN Number: Not applicable
  - Label: Not applicable
  - Packing group: Not applicable
  - EMS Number: Not applicable
  - Marine pollutant: Not applicable
  - Proper shipping name: Not applicable

15. Regulatory information

- **Inventory Status**: TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA6969 (Philippines, PICCS), NICNAS (Australia, AICS), IEC (Japan)
- **WHMIS Classification**: Class D, div 2b
- **California Prop. 65**: Does not contain any chemicals known to State of California cause cancer, birth, or any other reproductive defects
- **SARA Hazard Classification**: Acute Health Hazard
- **SARA 313 Component(s)**:
  - HMIS: Health 1, Flammability 1, Reactivity 0, Other
  - NFPA: Health 1, Flammability 1, Reactivity 0, Other

16. Other information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by the chemical team at West End Products LLC.