

# Safety Data Sheet

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Issue date: 10/05/2005  
Number: 3626E

## 1. Identification of the substance/preparation and the company/undertaking

**Product name:** UNIDYME® 30

**Company :** Arizona Chemical  
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CHESTER - LE - STREET  
Durham DH3 2RB  
UK  
Phone: +44 191 411 3200; Fax: +44 191 410 9391

**Emergency Tel :** +44 1865 407 333

**Intended use:** Chemical intermediate used for manufacture of industrial products.

## 2. Composition/Information on ingredients

**Composition:** Dimer fatty acids

Chemical name	CAS no.	EINECS no.	Symbol	R-phrases	%WT
Dimer fatty acids	61788-89-4	500-148-0, NLP		None	100

## 3. Hazards Identification

**Effects of (over)exposure:** Slight irritation

### Symptoms of (over)exposure

- **Inhalation:** Vapours may cause irritation
- **Skin contact:** Prolonged contact may cause localised irritation
- **Eye contact:** Mildly irritating to eyes
- **Ingestion:** May cause some irritation.

## 4. First-Aid Measures

**Skin contact:** Wash with soap and water

**Eye contact:** Rinse immediately with plenty of water

**Ingestion:** Rinse mouth with water.

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## 5. Fire-Fighting Measures

### Extinguishing media

- **Suitable:** Powder, carbon dioxide, foam, watermist (only large amounts)

### Hazardous thermal decomposition and combustion products

- In case of fire toxic fumes will be formed

### Protection of firefighters

- Wear protective clothing and use self-contained breathing apparatus

## 6. Accidental Release Measures

**Personal precautions:** Put on adequate protective equipment

**Environmental precautions:** Keep away from drains, surface-water, ground-water and soil

**Methods for cleaning up:** Collect as much as possible in a container for disposal. Cover the remainder with inert absorbent. Disposal according to local regulations

## 7. Handling and Storage

**Handling:** Avoid contact with eyes

**Storage:** Direct sunshine should be avoided.

## 8. Exposure Controls/Personal Protection

Chemical name	TLV*		MAC**		R-phrases
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Dimer fatty acids					None
Not applicable					

\* ) ACGIH 1995-1996

\*\* ) The Netherlands-1995

**Respiratory protection:** Suitable respiratory equipment in case of insufficient ventilation.

**Hand protection:** Protective gloves PVC

**Eye protection:** Safety goggles

**Skin and body protection:** Suitable protective clothing

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## 9. Physical and Chemical Properties

- **Appearance** viscous Liquid
- **Autoignition temperature** Not known
- **Boiling point** > 200 °C
- **Colour** Yellow
- **Explosion properties** Not applicable
- **Flash point** > 260 °C
- **Odour** Mild fatty acids
- **pH** Not applicable
- **Density** 950 kg/m<sup>3</sup>, (20°C)
- **Solubility in water** < 0.1 % Typical
- **Vapour density** Not applicable
- **Vapour pressure** < 0.001 mm Hg (20°C), Typical

## 10. Stability and Reactivity

- Conditions to avoid:** Excessive heating. Direct sunshine should be avoided..
- Materials to avoid:** No data available
- Hazardous decomposition products:** Not known

## 11. Toxicological Information

### Routes of exposure

- **Inhalation:** Vapours may cause irritation
- **Skin contact:** Prolonged contact may cause localised irritation
- **Eye contact:** Mildly irritating to eyes
- **Ingestion:** Oral-Rat LD50 > 20 g/kg

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## 12. Ecological Information

- No data available

**Mobility:** Not known.

**Persistence and degradability:** Not known

**Bioaccumulation:** Not known

**Ecotoxicity:** Not known

## 13. Disposal Considerations

**Methods of disposal:** Take local authorities advice with handling of waste. Do NOT discharge into drains. Empty packaging / drums should be taken for recycling, recovery or disposal through a suitable qualified or licensed contractor. Care should in any case be taken to ensure compliance with EC, national and local regulations.

**Danger(s):**

## 14. Transport Information

**Classification**

- Not classified

## 15. Regulatory Information

**EU classification** Not classified

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**Risk-phrases:**

**Safety-phrases:**

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**16. Other Information****Other information** WGK = 1 (Kenn-Nr. 692)**Correction****Date of preparation:** 2005 - 05 - 10**Replaces SDS dated:****Framer:** **Product Regulatory Affairs**  
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