



# Product Data Sheet

Revision Date: 01/07

## UNIDYME<sup>®</sup> 60

### Trimer Acid

UNIDYME<sup>®</sup> 60 is a trimer fatty acids product with typical trimer content of approximately 55% by gas chromatography. This product is suitable for use as a corrosion inhibitor for oilfield applications, flexibilizer in Epoxy Compounds, and polyamides.

| PROPERTIES                            | TYPICAL             | SPECIFICATIONS |
|---------------------------------------|---------------------|----------------|
| Appearance at 25 °C                   | Very viscous liquid |                |
| Monomer Acids, % by GC <sup>(1)</sup> | 0.5                 | 1 Maximum      |
| Dimer Acids, % by GC <sup>(1)</sup>   | 44.5                |                |
| Trimer Acids, % by GC <sup>(1)</sup>  | 55                  | 51 Minimum     |
| Acid Number                           | 192                 | 175 Minimum    |
| Moisture, %                           | 0.1                 | 0.25 Maximum   |
| Saponification Number                 | 201                 |                |
| Color, Gardner                        | 14                  |                |
| Specific Gravity, 25 °C/25 °C         | 0.96                |                |
| Viscosity, centistokes at 25 °C       | 40,000              |                |
| Pour Point, °C                        | 16 (60 °F)          |                |
| Flash Point, °C                       | 316 (600 °F)        |                |
| Fire Point, °C                        | 343 (650 °F)        |                |

|                                     |   |
|-------------------------------------|---|
| <b>Shipping Data:</b>               | Lined or aluminum tank cars, stainless steel tank trucks, and 55-gallon lined open-head steel drums (410 lbs. net). |
| <b>DOT Shipping Classification:</b> | Non-hazardous.  |

<sup>(1)</sup> By gas chromatography (Arizona Chemicals Test Method CDM 888)



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