

# PRODUCT DATA SHEET

Revision Date: 13/01

## ATUREX<sup>®</sup> 1004

### High Purity Dimer Acid

ATUREX 1004 is a dimerized fatty acid product, which has been distilled and achieves very good purity of dimer content.

#### FEATURES

- Good chemical resistance
- Excellent flexibility
- Low viscosity
- Good corrosion resistance

- Good water resistance
- High dimer content

#### APPLICATIONS

- Polyamide resin
- Oilfield corrosion inhibitor
- Lubricating oil
- Surfactant, emulsified
- Soap making

| PROPERTIES                    | TYPICAL  | SPECIFICATION |
|-------------------------------|--|---------------|
| Appearance at 25°C            | Amber viscous liquid   |               |
| Saponification Value, mgKOH/g | 196  | 193-200       |
| Colour, Gardner               | 4  | <7            |
| Acid Value, mgKOH/g           | 195  | 192-198       |
| Viscosity, mPa.s, 25°C        | 8100   | 7000-9000     |
| <b>TYPICAL PROPERTIES</b>     |  |               |
| Monomer, GC, %                | 0.5  | <1            |
| Dimer, GC, %                  | 87   | 85-90         |
| Trimer, GC, %                 | 8  | <15           |
| <b>HANDLING &amp; STORAGE</b> | In unopened, original containers, several years at 2 - 40°C, (see Expiry date on original container) |               |
| <b>CN CODE</b>                | 2917190090   |               |
| <b>PACKAGING</b>              | net weight 190KG litre tight head steel drums  |               |
| <b>HEALTH &amp; SAFETY</b>    | Please refer to Material Safety Data Sheet   |               |



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