

# PRODUCT DATA SHEET

Revision Date: 13/01

## ATUREX<sup>®</sup> 1017

### Dimer Acid

ATUREX 1017 dimer acid is viscous, liquid dicarboxylic acid that improves the flexibility, elasticity and hydrophobicity of various polymers. They are used primarily in the production of polyamides resin and polyesters. A dimer fatty acid is produced via oligomerization of C18-unsaturated fatty acids

#### FEATURES

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

#### APPLICATIONS

- Polyamide curing agents
- Polyesters and alkyds
- Corrosion inhibition for oil field
- Refinery process
- Lubricant and fuel applications

PROPERTIES	TYPICAL	SPECIFICATION
Appearance at 25°C	Amber viscous liquid	
Saponification Value, mgKOH/g	199	192-202
Colour, Gardner	7	≤ 8
Acid Value, mgKOH/g	195	190-197
Viscosity, mPa.s, 25°C	8200	6000-8200
Specific Gravity, 25°C/25°C	0.95	
Flash Point, °C	271	
<b>TYPICAL PROPERTIES</b>		
Monomer, GC, %	3	1-6
Dimer, GC, %	79.5	75-85
Trimer, GC, %	17	15-22
<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>	3824909990	
<b>PACKAGING</b>	net weight 190KG in litre tight head steel drums	
<b>HEALTH &amp; SAFETY</b>	Please refer to Material Safety Data Sheet	



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