UCY ENERGY UCY business services & trading (Germany) GmbH



www.ucy-energy.com

UCY-TF2-U Product Datasheet

Item number: 10-007

General Information

UCY-TF2-U is a tall oil fatty acid (TOFA) with a high fatty acid content and a low content of rosin acids and unsaponifiables. **UCY-TF2-U** provides a combination of light colour, very good colour stability and airdrying properties.

The utility of **UCY-TF2-U** can be found in the long carbon chain (C18), the acid function of carboxyl group (COOH) and the unsaturation of the double bonds. For these reasons **UCY-TF2-U** has found use in different areas, e.g. alkyd resins, dimer acids, surfactants, cleaners, oil field chemicals and other chemical derivatives.

Specification of UCY-TF2-U

Analysis	Value
Acid value	min. 193
Colour Gardner, photometer	max. 5
Free rosin acids, %	max. 2.1
Unsaponifiables, %	max. 2.5

Typical analyses of UCY-TF2-U

Analysis		Value
Colour Gardner, photome	ter	4.5
Acid value		194
Saponification value		196
lodine Value, Wijs		155
Cloud point, °C		-1
Pour point, °C		-8
Flash point, open cup, °C		205
Viscosity at 20°C, mPa.s (cP)		30
Density at 20°C, kg / m ³		905
Saturated fatty acids		3
Oleic acid		29
Linoleic acid and other	Non-conjugated	57
Polyunsatured acids	conjugated	7
Free fatty acids		96
Free rosin acids		1.8
Unsaponifiables		2

Delivery from and product handling

Available in rail tank wagon, road tank wagon, flexitank and drums of 193 kg net.

Delivery / storage temperature typical 10-30°C.

If precipitations occur, it does not affect the use of the product as chemical raw material. Slightly heating to about 40°C dissolves the precipitated material.

UCY ENERGY UCY business services & trading GmbH Am Villepohl 4 D-53347 Alfter Germany Phone: +49 / 2 28 / 24 28 - 7 32 International Office: +39 / 01 65 / 4 30 81 Facsimile: +49 / 2 28 / 24 28 - 7 31 E-mail: <u>info@ucy-energy.com</u> <u>www.ucy-energy.com</u> Register number: HRB 13459 Register court: Bonn Tax number: 222/5719/235 VAT-ID: DE 2 39 98 81 54 Managing Director: Thilo Schneider