



## 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 air-drying properties.

The utility of **UCY-TF2-U** can be found in the long carbon chain (C18), the acid function of the 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, photometer	4.5
Acid value	194
Saponification value	196
Iodine 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 <sup>3</sup>	905
Saturated fatty acids	3
Oleic acid	29
Linoleic acid and other Non-conjugated	57
Polyunsaturated 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.