



PINE CHEMICAL GROUP

## PRODUCT DATA SHEET- TALL OIL FATTY ACID (FOR 2)

### Typical analyses of FOR 2

Analysis	Value	Method
Acid value	195	SCAN-T 11:72
Cloud point, °C	-2	ASTM D 2500-99
Color Gardner, photometer	4	ASTM D 61166-97
Density at 15°C, kg/m <sup>3</sup>	909	SCAN-T 2:65
Flash point, closed cup, °C	205	ASTM D 93-00
Free fatty acids, %	96	ASTM D 5974-00
Free rosin acids, %	1.9	SCAN-T 14:78
Iodine value, Wijs	154	ASTM D 5768-95
Pour point, °C	-12	SCAN-T 5:67
Saponification value	198	SCAN-T 12:72
Unsaponifiables, %	1.8	SCAN-T 13:74
Viscosity at 40°C, mPaS	22	ASTM D 2196-99

### Product Handling

**FOR 2** should be delivered at around 20 °C and the recommended minimum storage temperature is 10 °C. If **FOR 2** is subjected to cold temperatures during storage or transportation it may become cloudy or show some precipitation. This is a normal characteristic and not a defect. If affected, the material should be gently heated to max. 30 °C and circulated or agitated to restore the clear and bright condition.

### Delivery Form

Liquid in road tanker, rail tank wagon, ISO-container, flexitank, IBC-container or 188 kgs net in steel drums.

**EINECS number** 263-107-3  
**CAS number** 61790-12-3  
**CN-code** 38231300

In all applications of **FOR 2** it is the sole responsibility of the buyer to respect and comply with any valid intellectual property rights of third parties.

