

Product Datasheet

FOR5

FOR5 is a Tall Oil Fatty Acid (TOFA) product with a special combination of fatty and rosin acids. **FOR5** is an excellent raw material in various applications, for example, it can be used in metal working fluids, oil field chemicals, soaps, cleaners and alkyd resins.

Specification of FOR5

Analysis	Value	Method
Colour (Gardner)	max. 6	ASTM D 6166
Free rosin acids, %	max. 6	SCAN-T 14
Unsaponifiables, %	max. 4	SCAN-T 13

Typical analyses of FOR5

Analysis	Value	Method
Acid value, mg(KOH)/1g	194	SCAN-T 11
Colour (Gardner)	4.5	ASTM D 6166
Free fatty acids, %	92	Internal method (calc. as oleic acid)
Free rosin acids, %	5	SCAN-T 14
Unsaponifiables, %	3	SCAN-T 13

Product handling

FOR5 should be delivered at around 50 °C, and the recommended minimum storage temperature is 40 °C. If **FOR5** is subjected to low temperatures during storage or transportation it may become cloudy or show some precipitation or crystallization. This is a normal characteristic and not a defect. If affected, the material should gently be heated to around 75 °C and circulated or agitated to restore the clear and bright condition.

Delivery form

Liquid in ISO tank container, road tanker, flexitank or IBC container.

Product identifier

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



PDS FOR5 003 March 2024

Forchem disclaims, to the greatest extent permitted by law, all implied and express warranties of any kind regarding the products, including but not limited to suitability of the products for any particular purpose. Kindly note also that it is the sole responsibility of the buyer to respect and comply with any valid intellectual property rights of third parties in buyer's own activities.