

NACOL 22-98 Alcohol



SASOL

Technical Data Sheet

Description

Sasol Chemicals NACOL Alcohols are single fractions of linear, primary, oleochemical-based fatty alcohols with even-numbered carbon chain lengths ranging from C6 to C22.

Applications

Sasol Chemicals NACOL 22-98 Alcohol may be used as a raw material in a variety of applications including:

- washing and cleaning
- cosmetics, fragrances and pharmaceuticals
- textile auxiliary agents
- synthesis processes in the chemical industry

Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

Contact information

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Typical Properties	NACOL 22-98
Avg. Molecular weight, g/mol	326
C22OH content, wt. %	98 min.
Water, wt. %	0.1 max.
Hydroxyl Number, mg KOH/g	168 – 171
Ester Number, mg KOH/g	0.2 max.
Acid Number, mg KOH/g	0.1 max.
Iodine Number, mg I/100 mg	0.5 max.
Color, Hazen	30 max.
Density, g/mL @ 80°C / 176°F	0.807
Flash Point, °C (°F)	208 (406)
Melting Range, °C (°F)	69 – 73 (156 – 163)
Boiling Point, °C (°F)	> 391 (736)
Viscosity, cSt @ 80°C / 176°F	6.7
Vapor Pressure, mmHg @ 20°C	0.01 max.
Appearance	colorless solid
Solubility (water)	insoluble
Chemical Name	1-Docosanol

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