

Description

Sasol Chemicals NACOL ETHERS are biodegradable dialkyl ethers derived from analogous linear alcohols. All products are clear, colorless liquids with a characteristic odor.

NACOL ETHERS (C6 to C10) are oils with very low viscosity and good spreading properties. The specific structure of the ethers provides polarity which yields advantageous solubility and solvent characteristics. Each is compatible in a wide variety of applications, including flow assurance, asphaltene remediation and microemulsion formulations.

Contact Information

For technical information or samples:

Sasol Chemicals (USA) LLC
2201 Old Spanish Trail
Westlake, LA 70669
Telephone: 494-4157
techinfo@us.sasol.com

For sales and pricing information, please contact a sales representative at:
Sasol Chemicals (USA) LLC
2201 Old Spanish Trail
Westlake, LA 70669
Telephone: 494-4156
salesinfo@us.sasol.com

Don't see what you are looking for?

Sasol Chemicals also offers heavier dialkyl ethers (C12 to C18). In addition, our portfolio includes a wide range of alcohols, alcohol alkoxylates, and other alcohol derivatives. Please contact us for more information

Physical Properties

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

	NACOL ETHER 6	NACOL ETHER 8	NACOL ETHER 10
Chemical Name	Dihexyl ether	Diocetyl ether	Didecyl ether
Purity, %	> 96	>96	> 96
Molecular Weight, g/mol	186	242	298
Acid Number, mg KOH/g	0.02	0.02	0.06
Ester Number, mg KOH/g	0.44	1.08	0.96
Water, wt. %	0.01	0.01	0.01
Colour, Hazen	1	6	5
Density, g/ml @ 20°C	0.793	0.808	0.816
Viscosity, cSt			
@ 20°C	2.1	4.5	8.5
@ 40°C	1.5	2.9	5.0
@ 95°C	-	1.3	2.0
Boiling Point, °C (°F)	186 (367)	286 (547)	-
Pour Point, °C (°F)	- 42 (-44)	- 7 (19)	+ 17 (63)
Flash Point, °C (°F)	97 (207)	137 (277)	180 (356)
Surface Tension, mN/m @ 20°C	26.9	28.3	30.3
CAS Number	112-58-3	629-82-3	2456-28-2
EINECS Number	203-987-8	211-112-6	219-533-7
TSCA Listed	Yes	Yes	Yes

The preceding data is based on tests and experience, which Sasol Chemicals believes reliable, and is supplied for informational purposes only. Sasol Chemicals expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained therein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Sasol Chemicals with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Sasol Chemicals.

For detailed safety and handling information regarding these products, please refer to the respective Sasol Chemicals Safety Data Sheet.