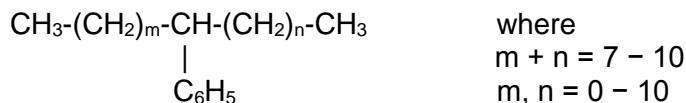




Description

Sasol Chemicals SASOLAB C12L Alkylate is a high quality linear alkylbenzene (LAB) produced by Sasol Chemicals at its various manufacturing plants. It is distributed from storage locations around the world. SASOLAB C12L Alkylate is a clear, odorless, oily liquid. It has an average molecular weight around 240. The alkyl carbon chain length of the LAB generally varies between C10 and C13, as shown below.



Applications

Sasol Chemicals SASOLAB C12L Alkylate is used in the production of linear alkylbenzene sulfonate (LAS), which is used as a surfactant in light-duty liquid dishwashing compounds, heavy-duty liquid and powder laundry products, all-purpose cleaners and industrial cleaners. It may also be used as a rheology modifier.

Properties

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

Contact information

For technical information:
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For sales, pricing or samples,
contact a sales representative at:
Telephone: +1(281)588-3870
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Typical properties	SASOLAB C12L
Average Molecular Wt., g/mol	238 – 244
Alkyl Chain Distribution, wt. %	
C9 & lower	1 max.
C10	16 max.
C11	26 – 45
C12	20 – 40
C10+C11+C12	70 min.
C13	10 – 30
C14 & higher	3 max.
Specific Gravity @ 16°C/60°F	0.857 – 0.865
Sulfonatable Content, wt%	98 min.
Bromine Index	10 max.
Water, wt%	0.02 max.
Distillation Range, °C (°F)	
IBP	283 (542)
EP	303 (577)
Flash Point, °C (°F)	143 (290)
Viscosity, cSt @ 40°C/104°F	4 – 5
Color, APHA	10 max.

Note: 2-phenyl isomer content is variable and ranges from 12-22%

****Mix samples well before use.***

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. 03/25/19

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