

# SASOLAB 240 Alkylate

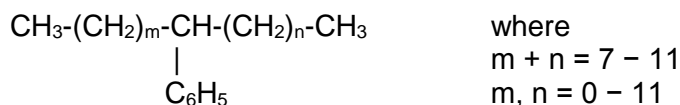


## Technical Data Sheet

SASOL

### Description

Sasol Chemicals SASOLAB 240 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 240 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 C14, as shown below.



### Applications

Sasol Chemicals SASOLAB 240 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

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Typical properties	SASOLAB 240
Average Molecular Wt., g/mol	239 - 244
Alkyl Chain Distribution, wt. %	
C9 & lower	1 max.
C10	16 max.
C10+C11	30 – 55
C12	20 – 50
C13+C14	5 – 30
C14	4.5 max.
C15 & higher	0.5 max.
Specific Gravity @ 16°C/60°F	0.855 – 0.865
Sulfonatable Content, wt%	97.5 min.
Bromine Index	20 max.
Water, wt%	0.1 max.
Distillation Range, °C (°F)	
IBP	283 (541)
EP	303 (577)
Flash Point, °C (°F)	143 (290)
Viscosity, cSt @ 40°C/104°F	4 – 5

**Note: 2-phenyl isomer content is variable and ranges from 14-33%**

*\*Mix samples well before use.*

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