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ING OIL, AND METHODS OF PREPARATION

(57) Abstract: An alkaline earth alkylaryl sulfonate having a BN of at least 250, wherein the aryl radical is not phenol, wherein the
alkyl chain is a linear chain that contains between 14 and 40 carbon atoms, and wherein the mole % of the aryl-sulfonate radical
fixed on position 1 or 2 of the linear alkyl chain is between 13% and 30%. Such an alkaline earth alkylaryl sulfonate has improved
compatibility, solubility, and foaming performances while having low color and no skin formation. The starting alkylate has a low
iodine number, a very high level of monoalkylate, and, as a consequence, a high yield at the sulfonation step.

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