



Product Focus • Customer Commitment • Performance Flexibility

NAXCHEM[®] DDB-501

Product Data Sheet

LINEAR ALKYL BENZENE

Description: Nease Co. LLC offers a line of specialty sulfonated intermediates under the trade name: NAXCHEM[®]. These products are key additives and building blocks in the manufacture of textiles, inks, dyes, plastics, agricultural chemicals and metal plating.

CAS #

129813-58-7 NAXCHEM[®] DDB-501 is a linear alkylbenzene, C10-C13, sulfonation feedstock for producing biodegradable surfactants, powder detergents.

Typical Properties:

Appearance	Colorless Oily Liquid
pH	6.0 – 9.0
Density (lbs/gal)	7.22 lbs/gal
Specific Gravity @ 60 °F	0.8606
Flash Point, PM	293 °F (145 °C)
Boiling Point, °F	282 -302 °C
Average Molecular Weight	232 – 239
Distillation Range	285 - 301 °C
2-Phenyl Isomer Content , %	25 - 35

Product Specifications:

Property	Specification
Appearance	Colorless Oily Liquid
Homolog Distribution, wt. %	
C ₁₀ & C ₁₁	50.0 Minimum
C ₁₂	25 Minimum
C ₁₀ & C ₁₁ & C ₁₂	85 Minimum
Color (Saybolt)	29
Water, %	0.1 Maximum

Applications: Polymers and Coatings Catalysts

Storage and Handling: Keep container tightly closed when not in use. Prevent material from freezing.

Availability: 55 gallon drum

Chemical Control Law Status: The components of this product are in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: United States of America, China and Korea.

In addition, this material is found on international inventory listings under CAS Reg. No. 67774-74-7 including: Canada (DSL), Europe, Australia and Philippines.

Transport Regulations

Shipping Description: DOT Non-Regulated
Hazard Class: NA ID Number: NA Packing Group: NA Label: none

Nease Co. LLC

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Limited Warranty

The products sold by Nease Co. LLC ("Seller") shall conform to the Seller's current published specifications. Seller makes no other warranty, express or implied, including warranty of merchantability or fitness for particular use, whether product is used singly or in combination with other substances or in any process. Nothing contained herein should be considered as a recommendation for use of any product or method in violation of any valid patent now effective or which may issue hereafter. Prior testing for fitness for use, and compliance with all applicable statutes by the user is a strict condition on the sale of any and all of Seller's products.