



Product Focus • Customer Commitment • Performance Flexibility

NAXCHEM® DDB-502

Product Data Sheet

LINEAR ALKYL BENZENE

Description: Catexel Nease 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 #

Mixture

NAXCHEM® DDB-502 is a linear alkylbenzene, C10-C13, sulfonation feedstock for producing biodegradable surfactants, powder detergents.

Typical Properties:

Appearance	Colorless Oily Liquid
Density (lbs/gal)	7.15-7.22 lbs/gal
Specific Gravity @ 60 °F	0.857-0.865
Flash Point, PM	290 °F (143 °C)
Boiling Point, °F	282 -302 °C
Distillation Range	283-303 °C
Alkyl Chain Distribution, wt. %	
C ₉ & lower	1 Maximum
C ₁₀	16 Maximum
C ₁₁	26-45
C ₁₂	20-40
C ₁₀ + C ₁₁ +C ₁₂	70 Minimum
C ₁₃	10-30
C ₁₄ & higher	3 Maximum

Product Specifications:

Property	Specification
Appearance	Colorless Oily Liquid
Average Molecular Weight	238.00-244.00
Water (%)	0.02 Maximum
Paraffin (%)	0.50 Maximum
Bromine Index	10.0 Maximum
2-phenyl isomer (%)	12.00-22.00

Applications:

Polymers and Coatings Catalysts

Storage and Handling:

Keep container tightly closed when not in use. Prevent material from freezing.

Availability:

55 gallon drum, 275 gallon totes

Chemical Control

The components of this product are in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: USA (TSCA), Australia(AICS), Japan (ENCS), Canada (DSL) Europe (EINECS), Philippines (PICCS), Korea (KECI), and China (IECSC)

Law Status:

Transport Regulations

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

Catexel Nease LLC

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Limited Warranty

The products sold by Catexel Nease 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.