



*Customized Performance \* Innovative Expertise*

**NAXCHEM<sup>®</sup> DDB-590L**

**Product Data Sheet**

## LINEAR ALKYL BENZENE

**Description:** NEASE CORPORATION offers a line of specialty sulfonated intermediates under the trade name: NAXCHEM<sup>®</sup>. These products are key additives and building blocks in the manufacture of textiles, inks, dyes, plastics, agricultural chemicals and metal plating.

**CAS #**

129813-59-8 NAXCHEM DDB-590L is a linear alkylbenzene, C12-14, sulfonation feedstock for producing biodegradable surfactants.

**Typical Properties:**

Appearance	Colorless Oily Liquid
pH	6.0 – 9.0
Density (lbs/gal)	7.17 lbs/gal
Flash Point, PM	Approximately 300°F (149°C)
Boiling Point, °F	297 - 315°C
Average Molecular Weight	252 – 258
Distillation Range	303 – 317 °C
2-Phenyl Isomer Content , %	10 - 20

**Product Specifications:**

Property	Specification
Appearance	Colorless Oily Liquid
Homolog Distribution, wt. %	
C <sub>10</sub> & C <sub>11</sub>	7.0 Minimum
C <sub>13</sub> & C <sub>14</sub>	60 - 80
Color (Saybolt)	29
Water, %	0.05 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:** All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**Transport Regulations**

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

**NEASE CORPORATION**

4480 Lake Forest Dr., Ste. 312, Cincinnati, OH 45242  
Customer Service: 888-762-7373

[www.neasecorp.com](http://www.neasecorp.com)

**Limited Warranty**

The products sold by Nease Corporation ("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.