



*Customized Performance \* Innovative Expertise*

**NAXCHEM<sup>®</sup> DDB-501**

**Product Information Sheet**

## LINEAR ALKYL BENZENE

**Description:** NEASE CORPORATION offers a line of specialty intermediates under the trade name: NAXCHEM<sup>®</sup>.

**CAS #** 129813-58-7  
Naxchem DDB-501 is a biodegradable

These products are key additives and building blocks in the manufacture of textiles, inks, dyes, plastics, agricultural chemicals and metal plating.

Naxchem DDB-501

| <b>Typical Properties:</b>  |  |                       |
|-----------------------------|--|-----------------------|
| Appearance                  |  | Colorless Oily Liquid |
| pH                          |  | 6.0 – 9.0             |
| Specific Gravity @ 25°C     |  | 0.866 @ 16 °C         |
| Density (lbs/gal)           |  | 7.22 lbs/gal          |
| Flash Point, PM             |  | 293 °F (145 °C)       |
| Vapor Density (Air = 1)     |  | 8 - 9                 |
| Melting Point               |  | < -60 °C (pour point) |
| Boiling Point, °F           |  | 282 -302 °C           |
| Vapor Pressure              |  | <0.5 @ 21 °C          |
| Solubility in Water         |  | Negligible            |
| Auto Ignition Temp.         |  | 460°F ( 238 °C)       |
| Average Molecular Weight    |  | 232 – 239             |
| Distillation Range          |  | 285 - 301 °C          |
| 2-Phenyl Isomer Content , % |  | 25 - 35               |

| <b>Product Specifications:</b> | <b>Property</b>                                     | <b>Specification</b>  |
|--------------------------------|---|-----------------------|
|                                | Appearance  | Colorless Oily Liquid |
|                                | Homolog Distribution, wt. %                         |                       |
|                                | C <sub>10</sub> & C <sub>11</sub>                   | 50.0 Minimum          |
|                                | C <sub>12</sub>                                     | 25 Minimum            |
|                                | C <sub>10</sub> & C <sub>11</sub> & C <sub>12</sub> | 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

#### 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 invalid of any 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.

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

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