



*Product Focus • Customer Commitment • Performance Flexibility*

**NAXAMIDE® CD-231**

**Product Data Sheet**

## MODIFIED FATTY COCO DIETHANOLAMIDE

**Description:** Catexel Nease LLC offers a number of surfactants for a wide range of applications. NAXAMIDE® nonionic surfactants are found in many Household, Industrial and Institutional applications.

**CAS #** 68603-42-9  
NAXAMIDE® CD-231 is a 2:1 amide, modified. It acts as a foam booster and increases detergency synergistically with other surfactants, such as anionic systems. In liquid formulations it will increase viscosity without increasing cloud point. In formulations, will act as an emollient to increase mildness. Other industrial applications include use as scouring, softening and sizing agent in the textile market. Exhibits good emulsification properties.

- **Foam Booster - Thickener - Emulsifier - Imparts Mildness** •

|                            |                         |                       |
|----------------------------|-------------------------|-----------------------|
| <b>Typical Properties:</b> | Appearance              | Viscous, Amber Liquid |
|                            | Specific Gravity @ 25°C | 1.01                  |
|                            | Density (lbs/gal)       | 8.48                  |
|                            | Flash Point, °F, (COC)  | > 350                 |
|                            | Vapor Pressure          | < 2 mm Hg             |
|                            | Solubility in Water     | Soluble               |

### **Product**

|                        |                        |                      |
|------------------------|------------------------|----------------------|
| <b>Specifications:</b> | <b>Property</b>        | <b>Specification</b> |
|                        | Free Amine, as DEA %   | 28.0 – 34.0          |
|                        | Acid Value (mg KOH/gm) | 25.0 – 35.0          |
|                        | Water Content          | 3.0 – 5.0            |
|                        | Color, Gardner         | 5 maximum            |

**Applications:** Industrial Cleaners, Metal Prep and Working, Personal Care, Textile Dye Manufacture

**Storage and Handling:** Keep container tightly closed when not in use. Prevent material from freezing. Store material below 120°F.

**Availability:** Bulk, 55 gallon drums

**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: Australia, Canada, United States of America, China, Europe, Korea and the Philippines.

**Transport Regulations:** Non-Regulated in containers less than 2,000 pounds.

|                       |  |
|-----------------------|--|
| Shipping Description: | RQ, Environmentally hazardous substances, liquid, n.o.s., (Diethanolamine) |
| Hazard Class: 9       | ID Number: UN 3082      Packing Group: III      Label: Class 9             |

### **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.