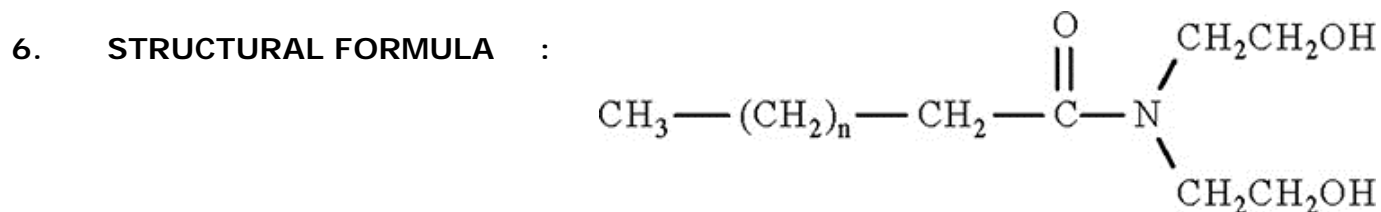




M/S. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : COCO DIETHANOLAMIDE (CDEA)
MSDS No. BPPL 190 (Available on Request)	SPECIFICATION No. FP- 190 (Enclosed)

1. **NOMENCLATURE** : Cocamide DEA
: Cocamide Diethanolamine
2. **CAS No.** : 68603-42-9
3. **EC No.** : 271-657-0
4. **HS Code No.** : 34021300 / 34021900
5. **EMPIRICAL FORMULA** : R-CO-N (CH₂CH₂OH)₂ (R=C₇₋₁₇)



7. **DESCRIPTION** : Clear Syrupy Liquid
: Pale yellow to yellow
8. **APPLICATIONS** : In Personal Care Products.
: Used as a lather stabilizer for Laundry and Dish wash Detergents.
(Foam Booster)

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1. **DESCRIPTION** : Clear Syrupy Liquid
: Pale yellow to yellow
: Slight characteristic odour
2. **SOLUBILITY** : Water soluble
3. **pH** : 9.0 to 10.5
(10% aqueous solution)
4. **PURITY** : 82% Min.
(% by mass)
5. **FREE AMINE as DEA** : 7% Max.
(% by mass)
6. **FREE FATTY ACID
as Lauric Acid** : 0.5% Max.
(% by mass)
7. **COMBINED AMINE as DEA** : 28.9% Min.
(% by mass)
8. **MOISTURE CONTENT** : 1% Max.
(By Karl Fischer) (% by mass)
9. **HEAVY METALS (Pb)** : 20 ppm Max.
10. **ARSENIC (As)** : 2 ppm Max.
11. **PACKING** : 235 Kgs. NM HM-HDPE Blue Drums.
: In 20 ft. FCL, 18.8 MT palletized.

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- 12. STORAGE**
- : Store the material in a Clean Dry place, Preferably at 25°C - 35°C.
 - : Keep away from Direct Heat & sunlight.
 - : Keep the container tightly closed.
- 13. HANDLING**
- : Avoid ingestion ;
 - : Avoid contact with Eyes & Prolonged contact with skin & clothing ;
 - : In case of contact with eyes & skin, seek adequate & timely medical attention.
 - : Once the Drum is opened, ensure airtight closure after usage & use the product within a week.
- 14. SHELF LIFE**
- : 2 Years
 - : In the Original sealed condition, when stored as suggested, the Shelf life is at least 2 years.