

## SZH-90

### Cocodiethanolamide (CDEA)

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#### Specifications:

Property	Value
Appearance	Clear pale yellow viscous liquid
pH (10% solution)	9 – 10.5
Specific Gravity	Approx. 1
Loss on Drying	Max. 1%
Sulfated Ash	Max. 1%
Free Fatty Acid	Max. 0.5% (as lauric acid)
Free Amine	Max. 9%

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#### Product Description:

SZH-90 is produced via a **1:1 molar reaction** of **selected coco chain fatty acid/ester** with **diethanolamine**.

#### Key Features:

- Contains **low concentrations of unreacted diethanolamine**
- Contains **virtually no fatty acid soap**
- Has a **high percentage of amide**
- Predominantly **nonionic** in character

Due to its **high amide content** and **purity**, it is classified as a **“Superamide”**, distinguishing it from the conventional **“Kritchevsky” type amine condensates**.

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Let me know if you'd like this structured into a datasheet, technical brief, or editable document format.