

PRODUCT DATA SHEET

CDE-K82

CDE-K82 is a non-ionic surfactant commonly used in the manufacture of various liquid cleaning products. This alkanolamide has foam boosting and stabilizing properties as well as viscosity building properties.

It is miscible with fatty oils and esters, enabling these oil components to be evenly dispersed in a solution.

Product Specifications

Parameters	Method	Specification
Appearance at 25°C	Visual	Clear Yellowish Liquid
Alkanolamide Content, % wt	Calculation	82 min
Free Amine, % wt	AOCS Te 3a-64	7.0 max
Water, % wt	AOCS 5 th Edition Ca 2e-84	0.4 max
Ester, % wt	Test by FTIR	4.0 max
Free Fatty Acid, % wt	AOCS Cd 5a-40	0.5 max
pH @ 1% Aqueous Solution		9 – 12
Glycerol, % wt	AOCS Ea 6-51	8 – 10

Benefits & Features

- Foam booster
- Foam stabilizer
- Viscosity modifier
- Emulsifier
- Improves detergency
- Improves skin feel
- Biodegradable

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Applications

Suitable for use in the manufacturing of liquid products such as:

- Dishwashing liquid
- Detergents
- Shampoos
- Body washes
- Cleansers
- Hand soaps
- Industrial cleaners and degreasers
- Floor cleaners

Recommended dosage for cosmetic preparations varies from 1% to 6% and in liquid detergents, dosage can do up to 10%, depending on the formulation

Shelf Life

- Store in a cool and dry place, away from light
- Shelf life of 24 months under recommended storage conditions in unopened original containers

Packaging

- Available in 200kg HDPE drums, 1000kg totes and bulk

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