

## Novichem Co.

Your Chemical Partner

P.O. Box: 15886-13941, Tehran / IR

Phone : +98-21-88329799 (Hunting)

Fax : +98-21-88329799

E-mail : info@novichem.co

Web : www.novichem.co

## NORAKLAN KD-9

CAS #: 68603-42-9

### DESCRIPTION

**Noraklan KD-9** is a surface-active agent produced by reacting the mixture of fatty acids from coconut oils with diethanolamine. It is a viscous liquid and is used in a variety of cleaners, bath products and shampoos where it acts as a viscosity builder, for foam boosting and foam stabilizing, as dispersing agent and emulsifying agent. It also improves the detergency of other surfactants.

### TECHNICAL SPECIFICATIONS

Appearance	: Clear Yellow Viscous Liquid
Free fatty acid % as lauric acid	: 1 Max.
Humidity %	: 0.5 Max.
Free amine % as diethanol amine	: 5 Max.
Ash content %	: 1 Max.
pH 1% solution	: 8.5 - 10.5
Total amide %	: 80 Min.
Total ester %	: 8 Max.
Glycerin %	: 9.5 Max.
Packing	: 200 Kg drums or IBC tanks

### APPLICATIONS

**Noraklan KD-9** is very ideal to use in most liquid and lotion shampoos, body wash and bubble bath, liquid soap and detergents as foam booster and stabilizer.

- Very good wetting, dispersing, cleaning and antistatic properties.
- Perfect thickening, foaming, foam-stablizing and derusting abilities.
- More affluent, stable and long standing foaming.
- Free of allergens and non-irritant to skin.

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