



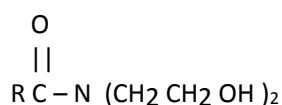
## Technical Data sheet

### 1. Identification

#### Product identifier

Other means of identification **TIDAMIDE** (Coconut Fatty Acid Diethanol Amide)

Chemical  
Structure



R = coconut oil

Chemical Description Cocamide DEA  
CAS Registry No 68603-42-9

### 2. Applications

TIDAMIDE is a coconut oil based amide. Tidamide is used in hard surface cleaners: the coconut oil chain distribution of Tidamide provides improved cleaning ability throughout a wide range of soils. Tidamide is a good viscosity builder and has a high tolerance for inorganics.

Typical Properties	
Appearance at 25°C	Pale yellow, Clear liquid
free Diethanolamine,%	4.0 MAX
color , klett	30 max
PH,1% aqueous	9 - 11
Active (Mw=310) %	84 Min
Density , g/ml	0.994 – 0.996
Viscosity at 25° c , cp	1000
Freeze Point, °C	-2





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### 3. Neutralization of TIDAMIDE

#### Environmental Effects

Product is readily biodegradable. Additional information is available upon request.

#### Storage & Handling

Normal safety precautions (i.e, safety goggles, gloves, etc) should be employed when handling Tidamide. Avoid contact with eyes, nose or prolonged skin contact. Wash thoroughly after handling material. It is recommended that Tidamide be stored in sealed containers and kept in a cool, dry place. Maximum storage temperature is 105° F (29-40°C). If material is frozen it should be heated gently and stirred to ensure it is homogeneous before use.

As with all amides, if overheating occurs, an amide ester will be formed. To reverse the reaction, Tidamide should be stored at room temperature for approximately one week. Failure to do so may result in formulated products with decreased foam and low viscosity.

#### Bulk Storage Information

Tidamide can be stored in vessels of carbon steel. Material should be stored between 85-105° F (29-40°C). An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) should be used if heating is required. Pumps, pipes and transfer lines should be carbon steel.

#### Standard Packaging:

Tidamide is available in steel drums (net weight 200 kg) or isotanks (20MT). Occupational exposure can occur primarily through skin contact or via inhalation of vapors/mist. Engineering controls, personal protective equipment, and other workplace practices should be used to control these exposures.

#### Additional Safety Information

A Safety Data Sheet is available upon request.

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