



Cola[®]Mine 11CM-MOD

Alkanolamide 2:1

DESCRIPTION Coconut Diethanolamide, Modified

CAS Proprietary

LISTINGS USA (TSCA); Canada (DSL); Australia (AICS); Japan (MITI); Korea (KECI); China (IECSC); Philippines (PICCS); New Zealand (NZIOC); Taiwan (NECI)

PROPERTIES

- High Detergency
- High Alkaline builder tolerance
- Moderate foam
- Good wetting ability
- Emulsifier
- Soil dispersion and suspending ability
- Excellent lubricity
- Rust inhibition
- Biodegradability
- Excellent thickening ability

APPLICATIONS

- Rinseable degreasers
- Waterless hand cleaners
- Chain lubricants
- Household and I & I hard surface cleaners
- Metal burnishing compounds
- Food processing plant cleaners
- Transportation cleaners

SOLUBILITIES

	Soluble	Insoluble
Water	X	
Alcohol	X	
Glycol	X	
Aromatic Hydrocarbons	X	
Chlorinated Hydrocarbons	X	

BIODEGREDDATION

Cola[®]Mine 11CM-MOD is biodegradable.

TOXICITY

Cola[®]Mine 11CM-MOD is practically non-toxic orally (LD50=12.2 g/kg) and it causes moderate skin and minimal eye irritation at 30% active.

SPECIFICATIONS

Appearance (25°C)	Clear Amber Liquid
Free Fatty Acid, %	12 – 16
Free DEA, %	22 – 27
pH (1% 50:50,IPA/H ₂ O)	8.5 – 9.5
Moisture, K.F., %	0.5 MAX.
Color, Gardner '98	9.0 Max.

STORAGE / HANDLING

Cola[®]Mine 11CM-MOD should be stored in closed containers. Frozen material may be thawed in a warm room, venting drums while warming. Shipped in 55 gallon steel drums (net weight 420 lb/190.5 kg) or bulk. Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

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Innovative Specialty Surfactants