



Detergent Grade Alkanolamides

DESCRIPTION

A series of modified fatty acid diethanolamide surfactants, which function as excellent detergents and emulsifiers. These Cola[®]Mines can be used effectively and economically in place of nonylphenol ethoxylates and other nonionics in most applications.

FEATURES

- Excellent Soil Dispersion and Suspending Ability
- Controlled Foaming
- Excellent Wetting
- Good Lubricity
- Effective Corrosion Inhibition
- Fully Biodegradable
- Soluble in Water, Alcohols, Glycols, Aromatic and Chlorinated Hydrocarbons

While all offer outstanding detergency, they rate in the order listed:

	<u>ALKALI COMPATIBILITY</u>	<u>FOAMING</u>	<u>VISCOSITY BUILDING</u>
Excellent	Cola [®] Mine RA-26	RA-26	RA-26
Very Good	Cola [®] Mine A-309	A-309	A-309
Good	Cola [®] Mine 1-76	1-76	1-76

AREAS OF APPLICATION

- Household, Industrial and Institutional Hard Surface Cleaners
- Rinsable Degreasers
- Metal Cleaners and Spray Washes
- Chain Lubricants
- Vibratory Finishing Compounds
- Transportation Cleaners

SURFACE ACTIVITY

	Wetting Time, Sec.	Surface Tension, dynes/cm	Blender Foam Test ARTM-14 MOD, ml 0.05%)		
	<u>(Draves, 21°C, 0.1%)</u>	<u>(21°C, 0.1%)</u>	<u>Initial</u>	<u>1 Min.</u>	<u>5 Min.</u>
Cola [®] Mine I-76	15	27.2	230	140	120
Cola [®] Mine A-309	19	27.2	240	170	130
Cola [®] Mine RA-26	29	27.3	250	170	140

TYPICAL PROPERTIES

	<u>1-76</u>	<u>A-309</u>	<u>RA-26</u>
Physical State	Clear Liquid	Clear Liquid	Clear Liquid
Color (GVCS-1933)	11 Max.	8 Max.	11 Max.
PH (10% Solution)	8.5-9.5	9.0-10.5	9.0-10.0
Ionic Nature	Nonionic-Anionic	Nonionic-Anionic	Nonionic-Anionic
Activity	100%	100%	100%

FORMULATIONS

ALL PURPOSE CLEANER (Fantastik Type)

	<u>% BY WEIGHT</u>
Diethylene Glycol Butyl Ether	3.00
Cola [®] Mine I-76	1.00
Tetrasodium EDTA (40%)	0.10
Sodium Metasilicate Pentahydrate	1.00
Water	<u>94.90</u>
	100.00

HARD SURFACE CLEANER

	<u>% BY WEIGHT</u>
Cola [®] Mine A-309	4.00
Sodium Tripolyphosphate	2.00
Trisodiumphosphate-12 H ₂ O	2.00
Water	<u>92.00</u>
	100.00

Use dilution: 4 oz./gallon

CHAIN LUBRICANT

	<u>% BY WEIGHT</u>
Cola [®] Mine RA-26	28.00
Propylene Glycol	10.00
Isopropyl Alcohol	4.80
Na ₄ EDTA	4.80
Water	<u>52.40</u>
	100.00

Use at ½ to 2% by volume

LAST UPDATED 07/19/2006

FORMULA NUMBER: 182

WARRANTY

Colonial Chemical guarantees that its products meet published specifications. No other warranties or guarantees are expressed or implied because the use of this material is beyond the control of Colonial Chemical.

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