

COLA[®]MULSE MA

DESCRIPTION

Cola[®]Mulse MA, a specialty alkanolamide, is an effective emulsifier for use in lotionized or “ringing gel” waterless hand cleaners. Its attributes provide formulation flexibility in allowing for slow or fast set systems without the need of special equipment or heat. Cola[®]Mulse MA improves the cleaning, rinsibility, and rub out “break” properties of waterless hand cleaner formulations based on odorless mineral spirits, deodorized kerosene and d-Limonene.

TYPICAL FORMULATIONS

Slow Set Waterless Hand Cleaner

	<u>% by wt.</u>
Water	47.90
Cola [®] Fax 3376 PE	2.40
Nonyl Phenol 9.5 moles E.O.	1.20
Dimethicone Copolyol	.40
Oleic Acid	1.80
Polysorbate 80 & Acetylated	
Lanolin Alcohol & Cetyl Alcohol	.40
Cola [®] Mulse MA	5.90
Odorless Mineral Spirits	<u>40.00</u>
	100.00

Procedure: Add in order listed. Slowly add mineral spirits with agitation.

Appearance: White pourable lotion which sets in 3-4 hours and becomes a ringing gel after 12 hours.

Fast Set Waterless Hand Cleaner

	<u>% by wt.</u>
Mineral Spirits or d-Limonene	40.0
Cola [®] Mulse MA	12.0
Cola [®] Fax 3376 PE	0.5
Glycerin (99%)	1.0
Light Mineral Oil	2.0
Water	<u>44.5</u>
	100.0

Procedure: Combine in order listed, adding water last with good agitation.
(Note: Product sets immediately – requires a piston type filler.)

Appearance: White ringing gel

TYPICAL PROPERTIES

Appearance	Clear Liquid
pH (10% Solution)	8.7
Specific Gravity (25°C)	1.00
% Activity	100
Color (GVCS-33)	11

Last Modified 07/14/2006

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.