



# Cola<sup>®</sup>Mulse CS450

Modified Cationic Emulsifier for Concentrated Drying Agents

**LISTINGS** TSCA (US), DSL (Canada), REACH Pre-Registered (EU), AICS (Australia), IECSC (China)

**Cola<sup>®</sup>Mulse CS450** is a non-flammable cationic emulsifier designed to create micro emulsions of mineral seal oil and other hydrophobes in water. The combination of this powerful cationic surfactant with the mineral seal oil makes very effective drying agents for automatic car wash systems to remove water with balanced beading and sheeting actions.

### BENEFITS

- Balanced beading and sheeting for spot-free drying
- Substantive to surface
- Minimizes spotting and streaking
- Non-flammable – more convenient for storage and shipping
- Easy blending with minimum viscosity variations
- Improved formulation flexibility with different hydrophobes/solvents
- Creates ultra-high concentrate to reduce shipping and storage costs
- Promotes high shine and durable protection
- No thickening or gelling during dilution
- Reduces smearing on windshield



### SPECIFICATIONS

Appearance, 25°C	Clear to slightly hazy* amber liquid
pH, 10% aqueous	5.5 – 7.0
Active, %	93 – 100
Moisture (KF), %	7.0 Max.
Viscosity, 25°C (cP)	700 Max.

\* Slight haziness at the bottom of the container is normal and will not affect performance. Mix well before use.

### FORMULATION

#### Formulas for Cola<sup>®</sup>Mulse CS450 - Based Drying Agents

INGREDIENT	100%	50%	40%	30%	25%	23%	20%
1 <b>Cola<sup>®</sup>Mulse CS450</b>	46.0	23.0	18.4	13.8	11.5	10.6	9.2
2 Calumet 600 MSO	44.0	22.0	17.6	13.2	11.0	10.1	8.8
3 Glycol EB	10.0	5.0	4.0	3.0	2.5	2.3	2.0
4 Water	0.0	50.0	60.0	70.0	75.0	77.0	80.0

## 100% Active Spray Wax

INGREDIENT	%
1 Mineral Seal Oil	44.00
2 <b>Cola®Mulse CS400</b>	46.00
3 Butyl Cellosolve	10.00

Dilution at use: 2000:1

## Wash-N-Shine (Waterless Carwash)

INGREDIENT	%
1 <b>Cola®Mulse CS400</b>	3.00
2 <b>Cola®Teric SC</b>	10.00
3 Butyl Cellosolve	2.00
4 DI Water	85.00

Dilution at use: 1 oz per gallon DI Water

## STORAGE AND HANDLING

Cola®Mulse CS450 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola®Mulse CS450 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg) and in bulk. Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).



## Colonial Chemical

225 Colonial Drive • South Pittsburg, TN 37380  
Phone: 423-837-8800 • Fax: 423-837-3888  
[www.colonialchem.com](http://www.colonialchem.com)

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