# Cola®Trope OD&CA

Environmentally Safe, Naturally-Derived Hydrotropes

**CHEMICAL NAME** Alkanoate Salt

**CLEARANCES** US (TSCA); EU (EINECS); Korea (ECL); Japan (ENCS); Canada (NDSL); China (IECSC); Australia (AICS); New Zealand (NZIoC)

## DESCRIPTION

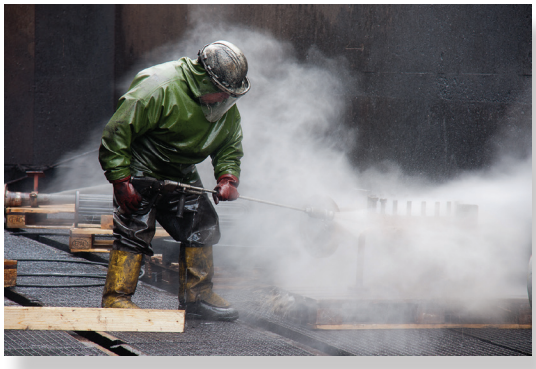
**Cola®Trope OD** and **Cola®Trope CA** are highly effective anionic hydrotropes with excellent environmental attributes and superior ingredients for formulating safer, "green" products. Cola®Trope OD and Cola®Trope CA are derived from natural sources and are non-petroleum-based materials.

Cola®Trope OD and CA are more effective than sodium xylene sulfonate and have excellent wetting and detergency properties. Both are soluble in up to 20% KOH and 15% NaOH. Cola®Trope CA is virtually non-foaming and suitable for spray applications. Cola®Trope OD is a moderate foamer that is useful in developing vertical foaming cleaners. Both products are recommended for neutral to alkaline pH formulations. These products are not to be used in acid pH formulations.

*Suitable for high-pressure washdown environments where low foam and quick rinsing are essential*

## BENEFITS

- Excellent hydrotrope for nonionic surfactants
- Readily biodegradable
- Contributes to detergency
- Soluble in high electrolyte solutions
- Stable in alkaline formulations



## APPLICATIONS

- High pressure spray cleaners
- Low foam floor scrubbers
- Household & Industrial Cleaners
- Hard surface detergents

## TYPICAL PROPERTIES

| | CA | OD |
|---|---|---|
| Appearance | Clear Liquid | |
| pH, as is | 9.5 – 10.5 | 9.5 – 10.5 |
| Solids, % | 39 – 41 | 39 – 41 |
| Viscosity @ 25°C, cps | 50 | 50 |
| Color, Gardner BYK | 2 Max. | 2 Max. |
| Foaming Capability | Low | Moderate |

## SUGGESTED FORMULAS

### *Low Foaming Aluminum Wash*

| | *INGREDIENT* | % |
|---|---|---|
| 1 | Water | qs to 100.00 |
| 2 | TKPP | 15.00 |
| 3 | Sodium metasilicate | 5.00 |
| 4 | ***Cola®Trope CA*** | 9.00 |
| 5 | Surfonic LF-17 | 5.00 |

***Procedure:***
Blend ingredients with stirring in order given until clear. Use at 4oz. – 8oz. per gallon as needed.

### *High Foaming Transportation Wash*

| | *INGREDIENT* | % |
|---|---|---|
| 1 | Water | qs to 100.00 |
| 2 | NaOH-50 | 0.50 |
| 3 | Butyl carbitol | 5.00 |
| 4 | Versene 100 | 1.00 |
| 5 | Sodium metasilicate | 2.00 |
| 6 | ***Colonial 1240*** | 3.00 |
| 7 | ***Cola®Trope CA*** | 4.00 |

***Procedure:***
Blend ingredients with stirring in order given until clear, use as is.

### *All-purpose Hard Surface Cleaner*

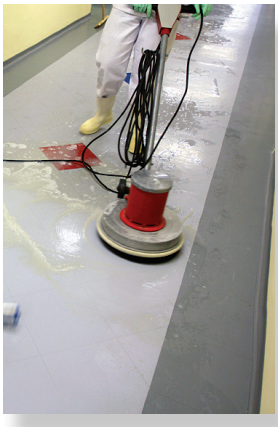
| | *INGREDIENT* | % |
|---|---|---|
| 1 | Water | qs to 100.00 |
| 2 | Butyl carbitol | 8.00 |
| 3 | TKPP | 2.00 |
| 4 | ***Cola®Trope CA*** | 5.00 |
| 5 | Surfonic LF-17 | 1.50 |

***Procedure:***
Blend ingredients with stirring in order given until clear, use as is.

### *High Foaming Verical Truck Wash*

| | *INGREDIENT* | % |
|---|---|---|
| 1 | Water | qs to 100.00 |
| 2 | KOH-45 | 3.00 |
| 3 | Kasil #1 | 25.00 |
| 4 | TKPP | 2.50 |
| 5 | ***Cola®Trope OD*** | 8.00 |
| 6 | Surfonic L12-6 | 1.00 |

***Procedure:***
Blend ingredients with stirring in order given until clear. Use at 4oz. – 8oz. per gallon as needed.



## ADDITIONAL LISTINGS

**Cola®Trope OD** and **Cola®Trope CA** are listed in 21 CFR 172.863 "FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION."

## STORAGE/HANDLING

**Cola®Trope OD** and **Cola®Trope CA** should be stored in sealed containers in a cool, dry place out of direct sunlight. Shelf life is 12 months from date of manufacture. **Cola®Trope OD** and **Cola®Trope CA** are available in poly 55-gal drums, net weight 450 lbs (204.1 kg). Safety Data Sheets may be found at ***www. colonialchem.com***.

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*Natural Surfactants*