

COLA[®]TROPE OD&CA

ENVIRONMENTALLY SAFE NATURALLY DERIVED HYDROTROPES

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

Appearance	Clear Liquid
% Solids	40.0
pH, as is	10.0
Viscosity @ 25°C, cps	50
Chemical Identity	Alkanoate Salt
Ionic Nature	Anionic

Cola[®]Trope OD and CA will work well in formulating “green cleaners”. These products will improve the detergency and wetting of formulations while improving the overall environmental profile of your formulations.

Cola[®]Trope OD & CA are globally accepted.

Cola[®]Trope CA and Cola[®]Trope OD are listed in 21 CFR 172.863

“FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION.”



introduction

Cola[®]Trope OD and Cola[®]Trope CA are two highly effective hydrotropes with excellent environmental attributes. Many hydrotropes currently on the market today are made from environmentally unfriendly materials. For the formulator who is formulating safer, “green” products, hydrotropes such as SXS and cresylic acid based hydrotropes are no longer safe and environmentally acceptable.

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 of their own. Both are soluble in up to 20% KOH and 15% NaOH. Cola[®]Trope CA is virtually non-foaming making it 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.

f o r m u l a t i o n s

low foaming aluminum wash

COMPOUND	Wt.%
Water	70.00
TKPP	15.00
Sodium metasilicate	5.00
Cola®Trope CA	9.00
Surfonic LF-17	1.00
TOTAL	100.00

high foaming vertical truck wash

COMPOUND	Wt.%
Water	60.50
KOH-45	3.00
Kasil #1	25.00
TKPP	2.50
Cola®Trope OD	8.00
Surfonic L12-6	1.00
TOTAL	100.00

PROCEDURE:

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

high foaming transportation wash

COMPOUND	Wt.%
Water	84.50
NaOH-50	0.50
Butyl carbitol	5.00
Versene 100	1.00
Sodium metasilicate	2.00
Colonial 1240	3.00
Cola®Trope OD	4.00
TOTAL	100.00

all purpose hard surface cleaner

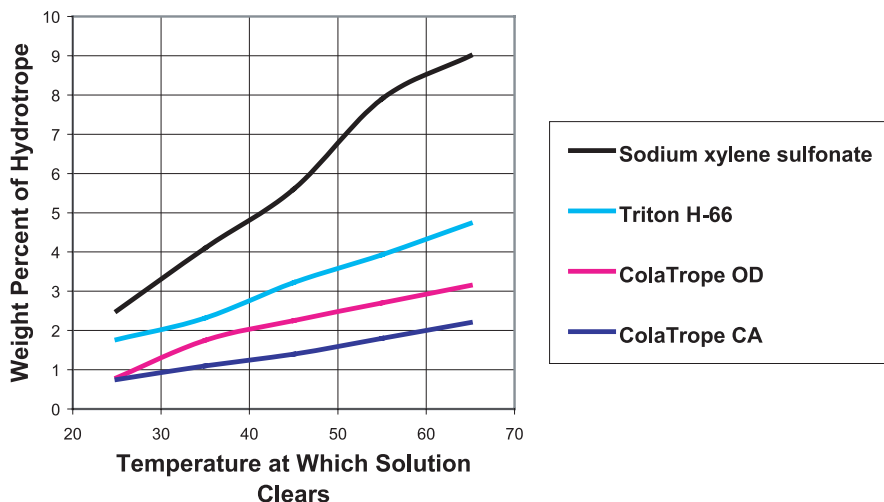
COMPOUND	Wt.%
Water	83.50
Butyl carbitol	8.00
TKPP	2.00
Cola®Trope CA	5.00
Surfonic LF-17	1.50
TOTAL	100.00

PROCEDURE:

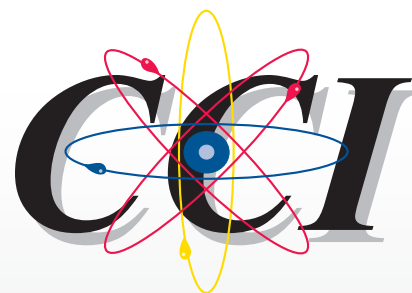
For both formulations: Blend ingredients with stirring in order given until clear, use as is.

performance

Hydrotrope Properties, 1% Surfonic L12-6 in 10% KOH



All components of Cola®Trope OD & CA are registered:
TSCA, DSL, EINECS, China, Korea & Japan



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