

Cola®Terge 102

Surfactant Blend for Water-Based Degreasers

REGISTRATIONS TSCA (US), NDSL (Canada), IECSC (China)

Cola®Terge 102 is a high performance blend of surfactants designed for use in water-based degreasing and hard surface cleaning applications. It is a fast wetter for penetrating soils and surfaces and a powerful emulsifier while holding soils in suspension. Cola®Terge 102 is suitable for use in alkaline, acidic and generalpurpose cleaners. The simple combination of Cola®Terge 102 with or without builders makes an excellent water based degreaser.

BENEFITS

- Excellent penetration and wetting agent
- Powerful degreasing and emulsification
- Reduced corrosivity to metal surfaces, no chloride quat present

APPLICATIONS

- Transportation cleaning
- · Soak tanks for parts / metal cleaning
- High-pressure spray systems
- Hard surface cleaning

SPECIFICATIONS

Appearance @ 25°C	Amber Liquid
Active, % (100 - % Moisture)	85 – 95
pH (5% aqueous)	5.5 – 7.0
Solubility (1.0% in Water, 25°C)	Clear
Color, Gardner	4 Max.
Ross-Miles Foam Height, mm (0.1% active in 2% NaOH)	
Immediate	125
1 minute	115
5 minutes	110
Draves Wetting, sec (0.1% active)	6.9
Surface Tension, dyne/cm	27.2



FORMULATIONS Presoak for Car / Truck Wash

	INGREDIENT	%
1	Water	53.0
2	KOH (45%)	9.0
3	Sodium Metasilicate Pentahydrate	3.0
4	EDTA (40%)	5.0
5	Cola®Terge 102	15.0
6	Cola®Teric SC	13.0
7	d-Limonene or fragrance	2.0

Dilute at use: 100-200:1

Parts / Metal Soak Cleaner

INGREDIENT	%
Water	45.0
NaOH (50%)	10.0
Sodium Metasilicate Pentahydrate	5.0
EDTA (100%)	5.0
Cola®Terge 102	20.0
Cola®Teric 2CM	15.0
	Water NaOH (50%) Sodium Metasilicate Pentahydrate EDTA (100%)

Dilute at use: 50-100:1

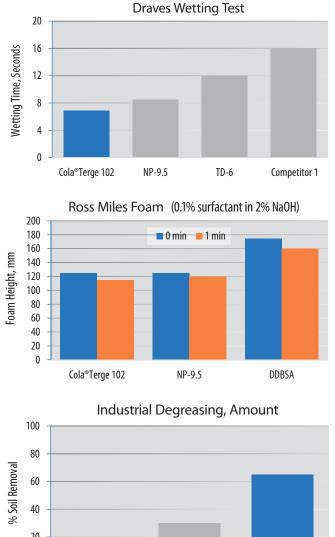
Oven & Smokehouse Cleaner

	INGREDIENT	%
1	Water	94.0
2	NaOH (50%)	3.0
3	Cola®Terge 102	1.0
4	Butyl Cellosolve	2.0
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Ready to use.

COMPETITIVE TESTING

Cola®Terge 102 met and outperformed many leading industry products used in similar applications when tested for performance. Complete testing information with specific metrics is available upon request.



20 DDBSA NP-9.5 Cola®Terge 102 Degreasing test performed with industrial grease and motor oil on slides in agitated formulation of 0.5% NaOH, 0.2% EDTA, 0.3% SMS, 1.0% surfactant.

STORAGE AND HANDLING

Cola[®]Terge 102 is shipped in 55 gal. poly drums, net weight 450 lbs (204.1 kg) or bulk. Cola[®]Terge 102 should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at **www.colonialchem.com**.



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Innovative Specialty Surfactants

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