



Cola®Terge 226

Surfactant Blend for Water-Based Degreasers

INVENTORIES EU (REACH - Polymer), Canada (DSL), US (TSCA), Australia (AICS), Korea (KECI), China (IECSC/IECIC), Philippines (PICCS), New Zealand (NZIoC), Taiwan (TCSI)



Cola®Terge 226 is an optimized blend of non-ionic and cationic surfactants, intended to be used for water-based degreasing. A cleaning formulation based on Cola®Terge 226 can often replace a solvent because of the efficient cleaning effect on grease and oil. When an oily soil contains a lot of soot and pigments, the cleaning effect will often be much better than with conventional products. A water-based alkaline cleaning formulation based using Cola®Terge 226 and appropriate complexing agent is a significant improvement compared with conventional alkaline cleaners.

BENEFITS

- Cost effective means to creating multiple cleaners for a variety of surfaces
- Powerful degreasing and emulsification in both alkaline and acid conditions
- Can be used in most application equipment including high pressure

APPLICATIONS

- Vehicle cleaning and engine cleaning
- Aircraft/Aluminum/Train Cleaner
- All Purpose Cleaner
- Acid cleaning
- Deck & Floor Cleaner
- Household Hard Surface Cleaning
- Spot Removers

FORMULATION GUIDELINES

Cola®Terge 226 is designed to be formulated as the only surfactant in the formulation, used together with complexing agent and other salts. The degreasing effect of Cola®Terge 226 will be reduced dramatically if an anionic surfactant is added. Other typical components may be combined when using Cola®Terge 226, providing savings in raw material handling, inventory levels and total production costs.

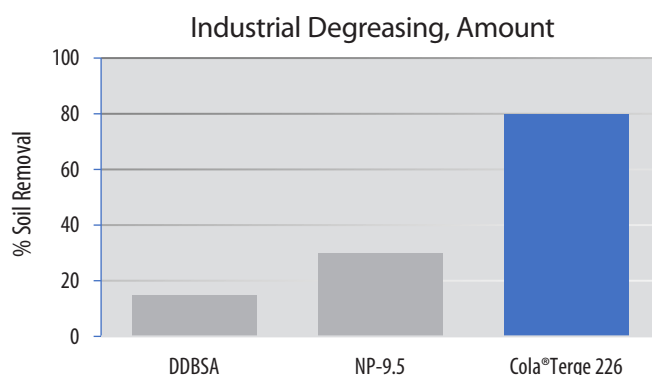
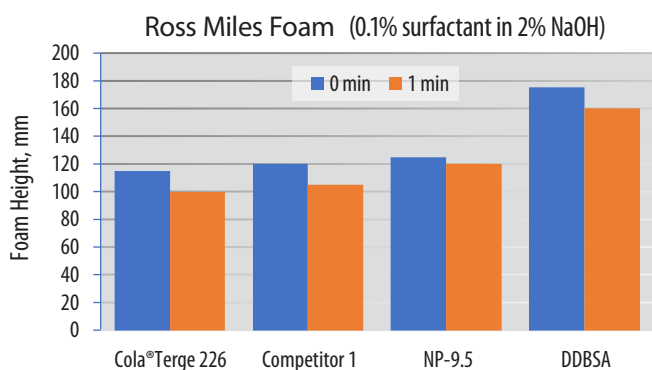
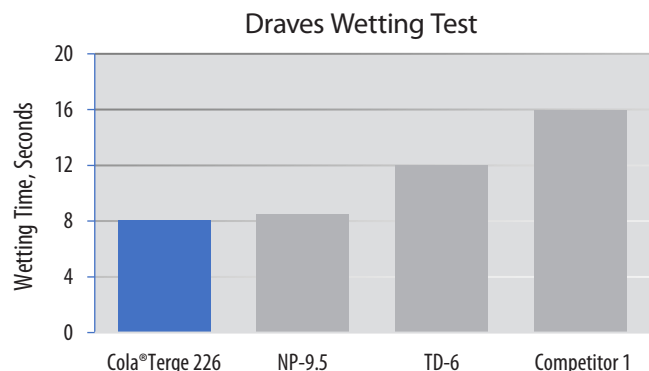


SPECIFICATIONS

Appearance @ 25°C	Clear to Slightly Hazy Liquid
pH (1% in 10:6 IPA/DI water)	6.0 – 8.0
% Moisture, K.F.	1.0 Max
Ross-Miles Foam Height, mm (0.1% active in 2% NaOH)	
Immediate	115
1 minute	100
5 minutes	50
Draves Wetting, sec (0.1% active)	8.1
Surface Tension, dyne/cm	29.5

COMPETITIVE TESTING

Cola®Terge 226 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.



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.

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 226	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	%
1 Water	45.0
2 NaOH (50%)	10.0
3 Sodium Metasilicate Pentahydrate	5.0
4 EDTA (100%)	5.0
5 Cola®Terge 226	20.0
6 Cola®Teric 2CM	15.0

Dilute at use: 50–100:1

Oven & Smokehouse Cleaner

INGREDIENT	%
1 Water	94.0
2 NaOH (50%)	3.0
3 Cola®Terge 226	1.0
4 Butyl Cellosolve	2.0

Ready to use.

STORAGE AND HANDLING

Cola®Terge 226 is shipped in 55 gal. poly drums, net weight 460 lbs (208.6 kg) or bulk. Cola®Terge 226 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