

Berol® 226 SA

The ultimate core of high-performance cleaning

Smart surfactant system – ultra-high performance, cost-effective, versatile. Berol® 226 SA is an industry-leading powerful surfactant system delivering highly efficient cleaning.

The smart chemistry of Berol® 226 SA provides the best solution for industrial and household cleaning applications. It is the heart of high-performance cleaning formulations.

Berol® 226 SA exploits the synergy between nonionic and cationic surfactants to achieve excellent wetting, fast soil penetration and effectiveness at low concentrations. Berol® 226 SA is designed for water-based hard surface cleaning and effective removal of oily, greasy, waxy and particulate soils without the need for hazardous solvents.

The degreasing effect of the test formulations was assessed on a white painted metal plate coated uniformly with a tough-to-clean greasy soil collected from a train engine. The formulations were applied simply by pouring them over the surface (non-mechanical cleaning). After a short time interval, the whole plate was rinsed with tap water and cleaning performance was assessed quantitatively.

Excellent cleaning performance at reduced in-use cost is obtained with Berol® 226 SA. Similar results are achieved when comparing Berol® 226 SA with a wide range of I&I and household market products.

The Berol® 226 SA surfactant system:

- is stable in strong alkaline conditions up to pH 14
- is stable with up to 2-3% caustic depending on the level of other electrolytes in the system
- is stable under acidic conditions such as in hydrochloric, phosphoric or methanesulfonic acids
- is stable with all types of complexing agents typically used in cleaning applications
- is compatible with nonionic and cationic surfactants
- is a medium foam surfactant

Comparative cleaning performance of Berol® 226 SA and a competitive nonionic / cationic surfactant blend



Berol® 226 SA Competitive blend Berol® 226 SA Competitive blend
1:10 Dilution 1:25 Dilution

Cleaning formulation

9% surfactant blend
14% Dissolvine® 100-S
Balance water

Cloud point and pH of formulations

Berol® 226 SA, >85°C, 12.6
Competitive blend, 68°C, 12.3

