Lankem

The next generation of green surfactants

Technical Guide

BioLoop Surfactants

Introducing a new range of biobased surfactants containing components that are from renewable sources. Unlike many biobased surfactants, these products offer excellent surfactant properties and can be used as green alternatives to conventional synthetic nonionics, such as alcohol ethoxylates. The BioLoop has two soybean hydrophobic sections that are linked by a hydrophilic loop of polyethylene glycol derived from molasses. Unlike palm-based surfactants, the BioLoops contain soybean oil which is considered to be a great sustainable source.

PG (Pure Grade) v Normal Grade

The normal grade of BioLoop surfactants are aimed at standard industrial-based processes in which clarity in an aqueous medium isn't a necessity. The PG versions which denotes our purified grades are for industries in which clarity in aqueous mediums is essential.

Typical Applications

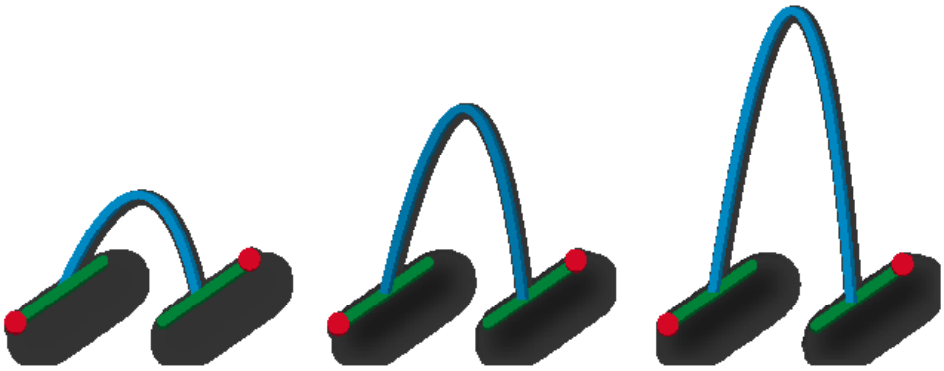
Normal Grades
Oils and Lubricants
Emulsion Polymers
Agrochemical Additives
Textiles Auxiliaries
Hand and Floor Wipes

PG Versions
Personal Care
Cosmetics
Household Products

Key Features

- Based on BioLoop technology
- Biobased
- Ultra-mild
- No skin or eye irritancy
- Low ecotoxicity
- Biodegradable
- Good detergency
- A green alternative to alcohol ethoxylates

Product Range



BioLoop 56L
BioLoop 56L-PG

BioLoop 68L
BioLoop 68L-PG

BioLoop 84L
BioLoop 84L-PG

Radiocarbon (C14) dating

Result: 99.36% Biobased carbon