



Suga®Boost 080

Naturally-derived Performance Surfactant

DESCRIPTION Functionalized Alkyl Polyglucoside (*Patent Pending*)
CAS Proprietary
LISTINGS US (TSCA), Canada (NDSL), EU (REACH), China (IECSC/IECIC)

Suga®Boost 080 is a 100% naturally-derived performance surfactant with unique synergistic combination of non-ionic and anionic chemistries. It has wide applications in laundry, dish soap and naturally-based exterior cleaner formulations. Cleaning performance is higher than traditional surfactants such as APG, SLES in removing food soils, animal grease, and protein soil and meets demands for high-performance green cleaning formulations.

Suga®Boost 080 has mild characteristics in comparison to regulated surfactants such as sulfates, alcohol alkoxylates, Coco DEA, and betaines, with higher irritation and Prop 65 concerns.

BENEFITS

- Enhanced performance over traditional surfactants in many HI&I applications
- Based on patent-pending technologies in synergy of naturally-derived components
- Variety of chemistries that meet different formulation and performance demands
- Compatible with majority of surfactants
- Mild to eyes, very mild characteristics for skin contact
- EO/PO Free, No VOCs
- Free of Prop 65 components (1,4-Dioxane, DEA, DCA)
- Broad regulatory approvals

APPLICATIONS

Suga®Boost 080 may be used in the development of multiple household and industrial applications to meet demands for high-performance green formulations such as:

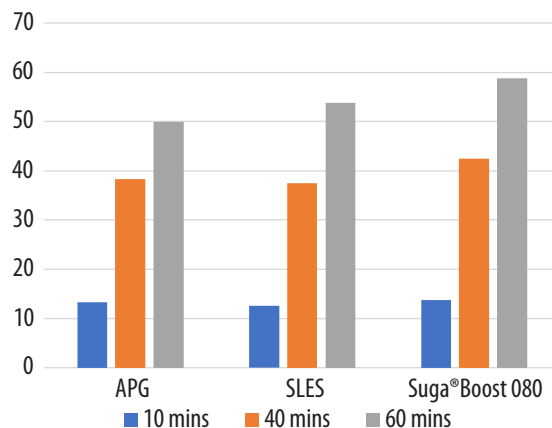
- Laundry (home and commercial)
- Exterior washes (siding, roofs, decks)
- Transportation cleaning (boats, trains, aircraft)
- Hand dish soap
- Agriculture and horticulture
- Emulsion polymerization

SPECIFICATIONS

Appearance	Clear Liquid
pH (10% aqueous)	5.0 – 7.0
Solids	43.0 – 46.0
Color, Gardner '98	4 Max.
Surface Tension (1%)	28.30 dyne/cm
Draves Wetting (1%)	7.7
	155 (Immediate)
Ross-Miles (1%)	140 (1 min.)
	135 (5 mins)

Food Degreasing Immersion Test

% Soil Removal Formula: 0.216% surfactant, 0.029% EDTA, 0.03% IPA, 0.0045% Phosphoric Acid



STORAGE AND HANDLING

Suga®Boost 080 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Suga®Boost 080 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg). SDS at www.colonialchem.com.

Colonial Chemical

www.colonialchem.com

Innovative Specialty Surfactants