

## PRODUCT DATA SHEET

### WQ 1200 LG

#### Description

WQ 1200 LG is a very mild nonionic surfactant made from renewable vegetal raw material, which is low toxic, no irritating and readily biodegradable. Its excellent performance including detergency, wetting, dispersing and compatibility, especially foaming property. It also exhibits excellent alkaline and electrolyte resistance and can solubilize other ingredients. It can be widely used in personal care and household washing such as shampoo, hand sanitizer, facial cleanser, shower gel and so on. It also can be used in transparent soap, laundry detergent, dishwashing detergent and other areas, especially in the field of infant and child care. Because WQ 1200 LG does not need to rinse, especially suitable for no-clean formula such as hair care products and hair gel products.

#### Product Identification

INCI Name: Lauryl Glucoside  
CAS No. : 110615-47-9

#### Specification

Items	Specification
Appearance	Light yellow turbid liquid/paste
Solid content	50.0-53.0%
Viscosity(40 °C)	2000-4000 mPa • s
pH(25 °C,10% aq sol)	11.5-12.5
Free Fatty alcohol	1.0% Max
Sulfated ash	3.0% Max

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### Properties

WQ 1200 LG is a nonionic surfactant that provides superior detergency, emulsifying, penetrating and surface tension reduction properties. It shows good compatibility with all other types of surfactants. Synergistic and thickening effects can be found, especially when mixed with CAPB, SLS, SLES, etc. WQ 1200 LG is very effective in hard surface cleaning and processing. Like all APG products, WQ 1200 LG is mild and readily biodegradable. There may be sedimentation depending on storage time. In this case, the product should be heated and stirred until uniform before use.

### Application

WQ 1200 LG is widely used in personal care products, hard surface cleaners, agrochemical emulsifiers and formulations which require thickening effects, because its unique performance in cleaning, emulsifying and thickening.

### Storage

The product may be stored for 24 months from the date of manufacture in the unopened original container and at room temperature. Keep container tightly closed. If store a long time at 45°C or more, the color of products will gradually become darker. Products will appear solidified when in low temperature, showing non-uniform or uniform paste as a normal phenomenon, and its performance will not be changed. Pls heat them in the dryer and mix before use.

30<sup>th</sup>, Aug, 2018

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