

Technical Data Sheet

SFG APG 1214

Lauryl Glucoside
CAS# 110615-47-9

Description

APG 1214 is a nonionic surfactant made from renewable raw materials-glucose derived from corn and fatty alcohols from coconut and palm kernel oils. It has very good detergency, emulsifying, penetrating and surface tension reduction properties. Also it shows good compatibility with all other types of surfactants.

This product is low toxic, low irritating to skin and readily biodegradable. It represents a technology advantage in manufacture of mild washing agents and personal care products combined with excellent cleaning performance. So, it is a good choice for personal care products, hard surface cleaners, I&I cleaners, agrochemical emulsifiers and formulations because of its thickening advantages.

APG 1214 turbidity may occur which has no negative effects on performance because of high pH value & the presence of magnesium oxide. When pH value is adjusted to neutral, its turbidity disappears. There may be crystallization when the product is stored at room temperature. There may be sedimentation depending on storage time. In this case, the product should be heated and stirred until uniform before use.

Specifications

Item	Specification
Appearance (25 °C)	Colorless to light yellow liquid
Active Content (%)	50.0 ~ 52.0
pH Value	11.5 ~ 12.5
Free Fatty Alcohol (%)	< 1.0
Viscosity (40 °C, mPa·s)	3,600 ~ 4,200
Sulfate Ash (%)	< 3.0

Applications

- Personal care products
- Household detergents
- I&I cleaners
- Foam agent

Storage

Protect from sunlight. Store in a well-ventilated place. Store in a closed container.

Shelf Life

2 years