

# DATA SHEET

## PRODUCT NAME

Alkyl Polyglucoside WQ818CG

## DESCRIPTION

WQ818CG is a nonionic surfactant, made from natural raw materials. WQ818CG is very mild and readily biodegradable. The product is generally used in shampoo, bubble bath, cleaning lotion and personal care, because of its excellent mildness, foaming performance and ability to reduce irritation.

## PRODUCT IDENTIFICATION

INCI Name: Coco Glucoside  
CAS No. : 141464-42-8

## SPECIFICATION

Items	Specification
Appearance	Yellowish slightly cloudy liquid
Solid Content	50.0-53.0%
Viscosity(20°C)	2500 - 6000mPa.s
pH (25°C,10% aq sol)	11.5-12.5
Free Fatty Alcohol	1.0% Max
Sulfated Ash	3.0% Max

## 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. Please heat them in the dryer and mix before use.

## **PROPERTIES**

WQ818CG is a nonionic surfactant that provides superior detergency, emulsifying, penetrating and surface tension reduction properties. It shows good compatibility with anionic and amphoteric surfactant. Like all APG products, WQ818 CG is mild and readily biodegradable.

## **APPLICATION**

WQ818CG is widely used in personal care products, and formulations which require thickening effects, because its unique performance in cleaning, emulsifying and thickening. WQ818CG is suitable for use as a base surfactant or a cosurfactant in cosmetic cleansing preparations.

- ◇ Shampoo
- ◇ Bubble bath
- ◇ Cleaning lotion
- ◇ Shower gel
- ◇ Hand and face cleansers