

# GLUCOSIDE 600

INCI **Lauryl Glucoside**  
CAS **110615-47-9**

## SPECIFICATIONS

Appearance	Hazy, pale yellow viscous liquid
Active content (%)	50 - 53
pH (10% aq. Sol.)	11.5 – 12.5
HLB	12
Preservative	None
Viscosity (mPa.s at 40°C)	-1500 - 6000

## GENERAL INFORMATION

Glucoside 600 is an Alkyl Polyglucoside (APG), non-ionic surfactant widely used as primary surfactant as well as co-surfactant in the formulation of cosmetic products declared as "natural".

Glucoside 600, as the other APG's, provides superior performance by combining the formulation ease of typical non ionics with the foam characteristic of anionics.

Completely biodegradable the APG surfactants can be processed cold and will allow mild but cost-effective formulations in rinse-off products. Effective cleaning even at low percentage, the characteristic foam build up is quick.

Alkyl Polyglucosides represent the newer class of Polyethylene Glycol (PEG)-/sulfate-free surfactants, completely biodegradable and produced from renewable resources.

Lauryl glucoside has excellent dermatological compatibility, good conditioning power and is able to increase the viscosity of detergents. It appears as a very viscous and turbid liquid. Among the APG it is the most delicate surfactant and suitable for formulations for sensitive skin and intended for children.

Certified

## FORMULATION & RECOMMENDATIONS

Lauryl Glucoside is soluble in water and in surfactant solutions. Before adding you might heat Glucoside 600 slightly for easier incorporation. The performances in term of thickening and foaming remain unchanged over a wide pH range.

Because the incorporation of Glucoside 600 leads to increase of the viscosity, you might decrease or even avoid electrolyte thickening. Therefore Glucoside 600 is best suitable choice for "tear-free" children formulations.

### Dosage level

Recommended concentration	0,2-1% as co-emulsifier 2-10% as co-surfactant 10-25% as main surfactant
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## APPLICATIONS

### Fragrances

### Pharmaceuticals

### Cosmetics

- Skin Care
- Baby Care
- Toiletries
- Hair Care

## BENEFITS

- Ethoxylated and sulphate-free
- Readily biodegradable
- Cost-effective surfactant
- Excellent foam properties
- Easy to thicken
- Mild for skin and hair

## PACKAGING & SHELF LIFE

### Available packaging

200 kg Drums / 1000 kg IBC

### Shelf life

12 months under proper storage conditions.

## REGULATORY

ECOCERT/COSMOS

NATRUE

RSPO

Approved  
Allowed  
Certified



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