



326 Exchange Drive  
Arlington, Texas 76011  
817-469-7777

## **SPI-CG**

### **Product Data Sheet**

#### **General Characterization**

##### *Chemical Description*

C8-16 fatty alcohol glucoside

C-chain distribution fatty alcohol

C6 max. 0.5 %

C8 24 - 30 %

C10 15 - 22 %

C12 37 - 42 %

C14 12 - 18 %

C16 max. 4 %

#### **Labeling information**

##### *INCI name(s)*

Coco-Glucoside

#### **Registrations**

Ingredient	CASR-No.	EINECS/ELINCS-No.
	141464-42-8	No Longer Polymer

#### **Officially listed in / Quality conforms to**

JCIC: Alkyl (8 -16) Glucoside  
(Ingredient Code: 523007)

Bra Miljöval: Approved for use in products eco-labelled "Good Environmental Choice" (in Swedish: Bra Miljöval) by the Swedish Society for Nature Conservation

#### **Product properties**

##### *Appearance*

SPI-CG is a cloudy, viscous, aqueous solution of a C8-C16 fatty alcohol glycoside.

##### *Example of Use*

The turbidity of the product is attributable to a combination of its magnesium oxide content (max. 500 ppm magnesium) and the pH value at which it is supplied. This turbidity has no negative effects on the products properties and disappears if the pH value is adjusted to below 7. SPI-CG is a nonionic surfactant with a balanced combination regarding the foam volume and the excellent dermatological properties.

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. It is provided without any warranty. Silicones Plus, Inc. assumes no liabilities from the use of our products or information mentioned herein.



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Therefore it is suitable for use as a base surfactant or a co-surfactant in cosmetic cleansing preparations.

### **Characteristic Values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

#### *Quality control data*

(Data which is used for quality release and is certified for each batch.)

Appearance	Conforms to Standard	
Odor	Conforms to Standard	
Active substance	51 - 53%	Difference:100%-%water
Water	47 - 49%	DGF H-III 3a
pH value (20 % in 15% Isopropanol)	11.5 - 12.5	Q-P 1507.1
Viscosity 20°C	2500 - 6000 mPas	DIN 53015

#### *Additional product descriptive data*

(Data which is proven statistically but not determined regularly.)

Free fatty alcohol max. 1.0 %

Sulfate ash max. 3.0 %

### **Storage and Transportation**

SPI-CG can be stored in original unopened containers at below 40° C for at least two years. The product should not be stored at temperatures below 15° C. If SPI-CG is stored at temperatures below 15° C crystallization may occur. The product should be heated and stirred until uniform before use. Upon storage also some sedimentation can occur which has no negative effects on the quality. It is recommended to homogenize the product before use by stirring. Containers and storage tanks made of V2A steel (material no. 1.4541) and of V4A (material no. 1.4571) are suitable for storing SPI-CG.