



## Technical Data Sheet

# DECYL GLUCOSIDE

### Labeling information

#### INCI name(s)

Decyl Glucoside

#### CASR-No.

68515-73-1

110615-47-9

#### EINECS/ELINCS-No.

no longer polymer

no longer polymer

#### Conforms to JCIC:

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

### Product properties

#### Appearance

Hazy Pale Yellow Liquid

#### Example of use

Decyl Glucoside is a nonionic surfactant that can function as either a primary or secondary surfactant in a variety of personal care cleansers. Due to its mildness and excellent foaming properties, Decyl Glucoside is recommended for use in shampoos, shower gels, bubble baths, hand and face cleansers, and other applications where mildness and cleansing performance are required. It contains no solvents or hydrotropes and is easily formulated in personal care products. Being nonionic, Decyl Glucoside is compatible with cationic surfactants and polymers, and is recommended for conditioning shampoo formulations.

#### Special Features

Decyl Glucoside is a naturally derived alkyl polyglycoside surfactant prepared by reacting corn starch glucose with natural fatty alcohol. Due to its natural chemistry, Decyl Glucoside is very mild, low in toxicity, and readily biodegradable.

Decyl Glucoside is self-preserved and contains no added preservatives. The turbidity of the product is attributable to a combination of its magnesium oxide content (max. 500 ppm magnesium) and the high pH value at which it is supplied. This turbidity has no negative effects on the products properties and disappears when the pH is adjusted down to the neutral pH range.

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