

GLUCOPON® 215 UP

General characterisation

Chemical description

Aqueous solution of alkyl polyglucosides based on natural fatty alcohol C8-C10, free of preservatives

Ingredient information

Ingredient	CASR-No.	EINECS/ELINCS/EC/EU NLP-No.
Caprylyl/Decyl Glucoside	68515-73-1	500-220-1

Product properties

Appearance

Yellowish, slightly cloudy and viscous liquid.

Example of use

GLUCOPON® 215 UP exhibits excellent caustic stability and solubility in caustic and saline solutions. Due to its good wetting and dispersing properties GLUCOPON® 215 UP can be used for caustic, neutral and acidic hard surface cleaning for the household and institutional sector. GLUCOPON® 215 CSUP shows excellent solubilizing properties in highly concentrated surfactant solutions also in the presence of salt and alkalies.

Processing Instructions

GLUCOPON 215® UP is self-preserved via an elevated pH level. Due to this elevated pH, GLUCOPON® 215 UP is hazy in appearance. By reducing the pH value, e.g., with citric acid to below 8.5 the cloudiness being specific for the product disappears thus also enabling the formulation of clear products. Below pH 11.5 GLUCOPON® 215 UP is no longer sufficiently protected against microbial contamination, that means the end formulation has to be preserved in a suitable way.

GLUCOPON® 215 UP exhibits excellent solubility, stability, surface and interfacial activity in concentrated saline and alkaline solutions. It may also be used as a coupling agent in concentrated surfactant systems and in the presence of salt and alkalies. GLUCOPON® 215 UP is compatible with all other classes of surface active agents. GLUCOPON® 215 UP can be easily stored and handled at room temperature.

Storage and transportation

Shelf life

24 months

Storage temperature

< + 40 °C Store frost-free.

Storage conditions

In original sealed containers and protected from moisture.

Additional information

Upon storage of GLUCOPON® 215 UP separation of the product may occur, which has no negative effects on the product quality. The product should be stirred until uniform before use. Containers and storage tanks made of V2A steel (material no. 1.4541) are of only limited use for storing GLUCOPON® 215 UP, because corrosion may occur. Storage containers made of V4A (material no. 1.4571) should therefore be preferred. GLUCOPON® 215 UP has a high pH-value and for this reason the product contains no preservatives (suffix UP = unpreserved).

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