

OPACITEX

General characterization

Chemical description

Dispersion of opacifying waxes with surfactants

Labeling information

INCI name(s)

Glycol Distearate (and) Coco-Glucoside (and) Glycerol Oleate (and) Glycerol Stearate

Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.	others
	91031-31-1	292-932-1	
	141464-42-8	no longer polymer	
	68424-61-3	270-312-1	
	67701-33-1	266-952-6	

Officially listed in / Quality

conforms to Product properties

Appearance

Liquid dispersion for cosmetic surfactant preparations with mild characteristic odor. White

Example of use

Is a high performance wax dispersion with conditioning effects for hair and skin. The product is recommended as a conditioning additive for shampoos, shower gels, liquid soaps and facial wash formulations where caring benefits are required. In addition opacifies surfactant preparations and provides a creamy rich emulsion-like appearance. The product is easy to handle and cold processable.

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.

Provisional quality control data

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

Appearance	conforms to standard	
Odor	conforms to standard	
Water	59 - 63 %	DGF C-III 13a
Dry residue	37 - 41 %	ISO 1625 (replaces DIN 53189)
pH value (10%)	3.0 - 3,5	DGF H-III 1 / QP 1044
Density (20°C)	1.02 - 1.05 g/cm ³	DIN 51757 V4
Density on packaging (20°C)	0.98 - 1.02 g/cm ³	Q-P 1543.0
Viscosity* (20 °C)	1,000 – 10,000 mPas	ASTM D 2196

* Brookfield, RVF, spindle 5, 10 rpm

Additional product descriptive data

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

Storage and transportation

In unopened original containers and at temperatures below 40°C can be stored for at least one year. During longer storage periods, separations might occur which, if necessary, can be eliminated by stirring. Is preferably processed at temperatures between 10 and 35°C. At temperatures below 10°C the pumpability can suffer due to viscosity increase. This property is product specific; the phenomenon can be reversed through tempering to 20 - 25°C, if necessary with stirring. At storage temperatures above 40°C the viscosity may increase and is not totally reversible.