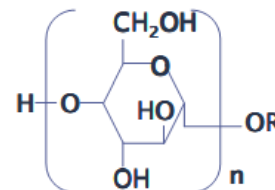


# ELOTANT™ MILCOSIDE 304

## Technical Data Sheet

### 1. Chemical name

Product name (INCI)	Decyl Glucoside
CAS No.	68515-73-1 / 110615-47-9
EINECS No.	500-220-1 / -



### 2. Application field

ELOTANT™ MILCOSIDE 304, a natural non-ionic surfactant made from sugar content of corn and palm oil, is applied to kitchen detergents, personal cleansing products, cosmetics, and other industrial/commercial uses.

### 3. Feature

- Effective synergies with other surfactants
- Mildness to skin and hair
- Outstanding biodegradation

### 4. General data & Characteristic

Origin	Vegetable
Visual nature	Viscous liquid at 20°C
Appearance	Slightly hazy/cloudy, viscous
Odor	Characteristic
Free fatty alcohol	1.5% Max. (Data proven statistically but not determined regularly)
Carbon chain distribution	C08 ~ C14 (HPLC)

### 5. Specification

Appearance	Viscous liquid	-	-
Total solid contents (%)	53 ± 2	105 °C, 2 hr	ASTM D820
Water contents (%)	47 ± 2	100-Total solid content	-
pH	11 ~ 12	25°C, 10% Sol'n	ASTM E70
Viscosity (cps)	500 ~ 2,500	20°C, C/F	ASTM D445
Color	300 Max.	Direct	APHA

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### 6. Notes for handling

Avoid contact of ELOTANT™ MILCOSIDE 304 with skin and eyes. Wear protective clothing and safety glasses when handling. In case of contact with skin, wash with water. In case of contact with eyes, wash immediately with enough water and consult a doctor.

### 7. Packing, Shelf life and Storage

Packing	Drum (PE), IBC (PE), ISO Tank
Shelf life	24 months after date of production (Unopened, Room temperature)
Storage	Store in a place, protected from sun light. Keep container tightly sealed. Ensure adequate ventilation. Ideal usage temperature: 30 – 40 °C (due to viscosity of product) Storage temperature: Room Temperature, do not heat above 50 °C. Freezing does not harm the material but shall be avoided over a longer period. When Freezing occur, Heating at 45°C during 3 days. Mix product before use.

### 8. Other information

Original TDS established : 2014-05-08

Revised : 6 times, 2022-11-08

