

Corum 5047

Product Information

FEATURE

- Long-lasting lubricity and a rich, cushioning feel
- Smooth creamy feel
- Tasteless and safe
- Excellent pigment dispersant and binder

INCI NAME

Octyldodecyl Stearoyl Stearate

CAS No.

90052-75-8

EC No.

289-991-0

STRUCTURE

$$\begin{array}{c|c} O & O \\ || & || \\ CH_3(CH_2)_{16}C - OCH(CH_2)_{10}C - OCH_2CH(CH_2)_9CH_3 \\ | & | \\ (CH_2)_5CH_3 & (CH_2)_7CH_3 \end{array}$$

CHARACTERISTICS

Appearance Light-to-straw colored liquid Odour Characteristically mild odor

SPECIFICATIONS

Colour (APHA) 300 Max. Refractive index $(25^{\circ}C)$ 1.447 - 1.467 Specific Gravity $(25^{\circ}C)$ 0.860 - 0.880 Acid value (mg KOH/g) 5 Max. Hydroxyl value (mg KOH/g) 15 Max. Saponification value (mg KOH/g) 115 - 135

SOLUBILITY

Propylene glycol Partly soluble
Water Insoluble
Mineral oil Soluble
Isopropyl myristate Soluble

DESCRIPTION

Corum 5047 imparts long-lasting lubricity and a rich, cushioning feel to the skin. Corum 5047 is suitable for lipstick and eye makeup, because of its smooth and creamy feel. It's tasteless and safe. It is an excellent pigment dispersant and binder.

STORAGE

Solidification may occurred at low temperature ($<9^{\circ}$ C). If solidification occurs, please heat and stir well at 50° C before use.

APPLICATIONS

Corum 5047 is commonly used in creams and lotions. It is also suitable for lipstick and eye makeup.

Revision: 2024/12/06