

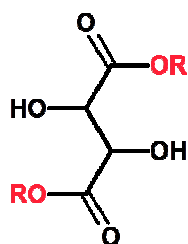
COSMACOL[®] ETLP

Technical Data Sheet No. 5007 – July 2013

Product Description

COSMACOL[®] ETLP is the tartaric di-ester of ALCHEM[®] alcohol. It is manufactured in Terranova dei Passerini (LO) plant.

Chemical structure is the following:



R = C₁₄H₂₉

CAS registry no. 94237-18-0
EC no. 304-118-6
INCI name Dimyristyl Tartrate

Sales Specification

| Property | Test Method | Unit | Specification ¹ |
|---------------------|-------------|---------|----------------------------|
| √ Appearance @ 20°C | Visual | - | White Flakes |
| √ Purity as Ester | RCM 1201 | wt% | 90 min |
| √ Free Alcohol | RCM 1201 | wt% | 10 max |
| √ Acid Value | RCM 3817 | mgKOH/g | 3.0 max |
| √ Water (K.F.) | RCM 3804 | wt% | 1.0 max |
| √ Melting Point | RCM 3637 | °C | 60 - 70 |

√ values reported on inspection certificate.

1 - Specification No. D008910 rev. 1 of November 19th, 2002.

Additional Properties

| Property | Test Method | Unit | Typical Value |
|-------------------------------|--------------|--------|---------------|
| HLB required | Calculated | - | 13 |
| Iodine Number | RCM 3848 | g/100g | < 1 |
| Total Aerobic Microbial Count | Eu.Ph. 5.1.4 | CFU/g | < 100 |
| Total Yeasts/Moulds Count | Eu.Ph. 5.1.4 | CFU/g | < 10 |

RCM are Sasol Italy analytical methods, internal or referred to international standard. Additional information available upon request.

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Main Applications

COSMACOL[®] ETLP is a high melting emollient. This waxy ester is suitable to improve stability of O/W emulsion and due to its polarity it can be used as spreading emollient in make up products as well.

Handling and Storage

It is suggested to store COSMACOL[®] ETLP at temperature below 30°C and to protect from moisture and heating sources.

COSMACOL[®] ETLP shelf life is 36 months from production date for product is in its original sealed packaging.

Packaging

COSMACOL[®] ETLP is supplied in 25 kg and kg 100 drums. Details on available packaging can be obtained from sales department.

Data regarding safety, transport classes, toxicology and biodegradability of the product can be obtained from the corresponding material safety data sheet.

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