

COSMACOL P50

Technical Data Sheet No. 4551 – January 2016



Distribuito da:



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Product Description

COSMACOL P50 is a slurry of Sodium Laureth Sulphate, Lauramide MEA and Glycol Distearate in water. It is manufactured in Terranova dei Passerini (LO) plant.

CAS registry no. 91031-31-1, 7732-18-5, 68891-38-3, 142-78-9
EINECS no. 292-932-1, 231-791-2, 500-234-8, 205-560-1
INCI Sodium Laureth Sulfate (and) Glycol Distearate (and) Lauramide MEA.

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	Visual	-	White paste
√ pH (10% water solution)	MPL 1007.0	-	6,5 – 7,5
√ Dry residue	MPL 1005.0	% mass	34,0 – 36,0

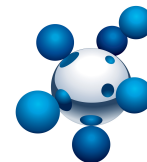
√ value reported on inspection certificate.

¹ specification No. 8890 rev. 1 of June 1st 2001.

Additional Properties

Property	Test Method	Unit	Typical Value
Density at 20°C	ASTM D7042 / ASTM D4052	kg/m ³	< 1.000
Flash point	ASTM D 93	°C	Inorganic substance or mixture Not applicable

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

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Further information

Heavy metal

Arsenic (As) less than 1 mg/kg	Cadmium (Cd) less than 1 mg/kg
Cobalt (Co) less than 1 mg/kg	Chromium (Cr) less than 1 mg/kg
Copper (Cu) less than 1 mg/kg	Iron (Fe) less than 2 mg/kg
Manganese (Mn) less than 1 mg/kg	Nickel (Ni) less than 1 mg/kg
Lead (Pb) less than 1 mg/kg	Tin (Sn) less than 1 mg/kg
Strontium (Sr) less than 1 mg/kg	Zinc (Zn) less than 1mg/kg

Heavy metal content is periodically checked (ICP method); data given here have to be considered as typical.

Preservative

COSMACOL P50 is supplied containing a small amount of preservative. Careful precautions like clean sampling vessel, sterilized water for dilution, limit prolonged or too often repeated exposure to open air, etc. are necessary to maintain microbiological purity of the product.

Property	Test Method	Unit	Typical Value
Total Aerobic Microbial Count	Eu.Ph. 5.1.4	CFU/g	< 100
Total Yeasts/Moulds Count	Eu.Ph. 5.1.4	CFU/g	< 10

Microbiological control test is periodically done; data given here have to be considered as typical.

Antioxidants

COSMACOL P50 does not contain any antioxidant.

Pesticides

COSMACOL P50 does not contain any pesticide.

Main Applications

COSMACOL P50 is a cold processable pearlizing agent suitable for personal care cleansing formulations. Suggested dosage is from 1 to 3 weight %.

Due to its composition COSMACOL P50 is a thickening and foam boosting agent.



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Handling and Storage

COSMACOL P50 should preferably be stored in stainless steel or fiber glass tanks.

It is suggested to keep the product at temperature below 30°C and to protect from heating sources and direct sunlight, in addition contact with acids could cause hydrolysis of Sodium Laureth Sulphate.

COSMACOL P50 is a pumpable paste at room temperature.

Shelf-life is 12 months from production date for product in its original and sealed packaging.

Packaging

COSMACOL P50 is generally supplied in plastic 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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