

7.14 MOD TECHNICAL DATA SHEET

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VERS. 2

HYDRACARE G30 RSPO-MB

VEGETAL LIPO-AMINO ACID MILD SURFACTANT

General Characteristics

Labelling information – INCI

Aqua, Disodium Cocoyl Glutamate, Propylene Glycol

Chemical description

Anionic surfactant, liquid form.

Raw material information

Vegetable: (coconut-, palm kernel oil, sodium glutamate).

Appearance

Colourless/pale yellow clear liquid.

Compliance

China INCI compliance;

Vegan compliance;

Halal compliance;

RSPO-MB;

Cosmos Approved;

Natural Origin Index (ISO16128): 1

Example of use and formulation tips

Hydracare G30 RSPO-MB offers gentle and mild cleansing power combined with a high, voluminous foam. Recommended for refreshing, hydrating shampoo and 2-in-1 body and hair products, as primary (10-20% dosage) or secondary surfactant (2-5%).

The solubility of Hydracare G30 RSPO-MB depends on the pH value: it is always advised to check the stability and the clarity of the final formulation at the intended pH range.

INCI - Composition Breakdown

Aqua:		65 – 75 %
CAS: 7732-18-5	EC: 231-791-2	
Disodium Cocoyl Glutamate:		25 – 35 %
CAS: 68187-30-4	EC: 269-085-1	

Chemical-Physical Properties

DATA	VALUE	METHOD
Physical Status at r.t.:	Clear liquid	MACO
Colour:	Colourless – Pale yellow	MACO
Odour:	Slight	MACO
pH:	9,50 – 10,50	MPH-00
Nitrogen Content:	1,00 – 1,50%	MA-00
Propylene Glycol:	5,00 – 7,00%	MGP-00
Dry Matter:	32,0 – 38,0%	MRS-02
Sodium Chloride:	3,0 – 4,5%	M-CL

Preservatives

Not present



Microbiological Data

DATA

VALUE

Total microbial count:

< 100 UFC/g

Storage Information

Shelf life

24 months.

Storage conditions

In the original sealed containers, in a cool, dry and dark place, between + 15 °C and + 25 °C.

Additional information

Hydracare G30 RSPO-MB is a clear liquid at room temperature. If the product is exposed to low temperatures for a long period of time, turbidity may occur, which is always reversible after bringing the product back to room temperature and stirring it for a couple of minutes.

Due to its completely natural origin and the absence of synthetic stabilisers, the product may turn slightly yellowish over time. This does not affect the product's physical-chemical characteristics and it is evidence of its all-natural origin.

It is known that in some cases, the crystallisation effects of lipo-amino acids can lead to misinterpretation of false-positive microbiological results (especially on yeast and molds' agar plates). In this case, the micro analysis does not show colony-forming units, but crystallisation of the product.

The information contained in this sheet is based on the knowledge available at the date of the latest version. It is the responsibility of the user to ensure the suitability and relevance of the information in relation to the specific use of the product. Since the use of the product does not fall under the direct control of Maycos Italiana, it is the user's obligation to observe the relevance of its use in all its applications under its own responsibility. No liability is assumed for improper use.

