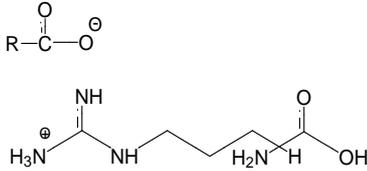


Codice: **GH/085**

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## IDENTIFICATION OF PRODUCT

Commercial Name	<b>PROLIX RB</b>	
Chemical Denomination	Monoester of triglycerol and fatty acids derived from rice oil (Oryza Sativa Bran Oil) with arginine salt (Arginine Branate).	
Uses	"Peg free" emulsifying system derived from plant origin for creams and lotions for Cosmet use.	
INCI denomination	POLYGLYCERYL-3 RICE BRANATE	
CAS number	1166833-04-0; 1166833-52-8	
Formula	$R-C(=O)-O-(CH_2-\overset{OH}{\underset{ }{CH}}-CH_2-O)_3-H$ 	
REACH regulation	Polyglyceryl-3 Polyrice Branate Arginine ( salt )	Polymer* Exempt
Origin (12 <sup>th</sup> Dir.)	Synthesis of raw materials of plant origin	

\* Producers of Polymers are not obliged to register them but must register the monomers from which they are composed, if not already registered.

## GENERAL CHARACTERISTICS

Form at 20°	Waxy solid, in flakes.
Colour	Ivory
Odour	Delicate, characteristic
Melting point	54° - 58° C
% H2O (Karl Fischer)	1.0 max
HLB	9.5 (experimental)
pH dispersion 5%	6-8
Acidity number	6.0 max. (mg KOH/g)
Saponification number	90 - 120 (mg KOH/g)
Identification	IR Spectroscopy on request

## SOLUBILITY

Soluble / miscible	in ethanol, in mineral and plant oils, in alcohols, fatty acids and their esters.
Dispersible	in hot water

## STORAGE SATABILITY

If stored correctly and kept in sealed original packaging, the product will maintain its characteristics for at least 24 months.



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