

Olifeel E-NAT W/O

	PRO	ODUCT IDENTIFIC	ATION			
(I) Supplier name	ROELMI HPC SRL Legal office	e: Corso Europa, 6	0 - 20020 Solar	o (MI) Italy		
() 11	T. +39 02 3351 0150					
	F. +39 02 3354 9210					
(II) EU/US INCI	EU INCI name	US INCI nam	е			
name	Polyglyceryl-3	Polyglyceryl-	3			
	Polyricinoleate	Polyricinoleat				
-	Polyglyceryl-3 oleate	Polyglyceryl-3 ol	eate			
(III) Regulatory						
information		•	oxy-, (9Z,12R)-,	polymer with 1,2,3-		
	propanetriol/Oleic acid, este	er with triglycerol				
	Component name	CAS n.	EC n.	RANGE COMPOSITION %		
	Polyglyceryl-3 Polyricinoleate	29894-35-7	-	≥50 ≤75		
	Polyglyceryl-3 oleate	33940-98-6	251-749-7	≥25 ≤50		
(1) (1)	US and European Pharmaco Classification & labelling acc labelling as it is not a danger Transport: not regulated. Tariff code: 38249955	cording to EU Che rous substance (re	mical regulation	•	subjected to	
, ,	Emulsifier for water in oil for	mulations				
Functions	Droduced in Italy				_	
(v) Geographical origin	Produced in Italy					
Origin	<u> </u>					
	!	REGULATORY STA	TUS			
(VI) Chemical	Preposition 65 (California): 1	not listed				
Inventory						
position						
	No restriction or limitation f	•				
Regulatory						
Status						
(VIII) Cosmetic	CMR: OLIFEEL E-NAT W/O does not contain any substances intentionally added and classified as					
Regulatory	Carcinogenic, Mutagenic or	•		vitle Describition (EC)	4222/2000	
Conformity	9		•	_		
	regarding the presence of the 26 substances identified as allergenic in cosmetics. Due to the					
	nature of the materials used for our productions and to bibliographic data, it can be stated these allergens are absent.					
	TSE/BSE: We confirm that therefore it is free from any			contain any animal ra	w material,	



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Animal testing: We declare that no animal testing was made by Roelmi HPC & C. srl for cosmetic

use accordingly to Regulation (EC) 1223/2009.

<u>lonization</u>: the product is not subjected to ionization process

REACH: OLIFEEL E-NAT W/O is a mixture whose components are pre-registered with deadline

May 2018

(IX) Toxicology **Ecotoxicity**

Toxicological information

Biodegradability

- Tests for cosmetic safety evaluation

information -MTT assay for the evaluation of the cytotoxic potential: the product does not show a predictive cytotoxic/irritating potential

> -Eye irritation (HET CAM TEST, in vitro test for the evaluation of the ocular irritation potency of an sample of product at 6% in corn oil, full report available on demand): PRATICALLY NOT **IRRITANT**

Ecological & Biodegradability information

No data on the mixture. Evaluation carried out on the components

Component	Biodegradability	Aquatic toxicity	
Polyglyceryl-3	Components evaluated readily	short-term toxicity to aquatic	
Polyricinoleate	biodegradable in literature studies (ECHA	invertebrates for polyglycerol:	
	source for polyglycerol). Ricinoleic acid is a	EC50> 10000 mg/mL (ECHA	
	fatty acid C≥14≤22 considered as readily	source). Ricinoleic acid is a	
	biodegradable in DID list part A (DID n°	fatty acid C≥14≤22 with EC 50	
	2520)	= 100 mg/mL (DID list part-A)	
Polyglyceryl-3	Components evaluated readily	short-term toxicity to aquatic	
oleate	biodegradable in literature studies (ECHA	invertebrates for polyglycerol:	
	source for polyglycerol). Oleic acid is a	EC50> 10000 mg/mL (ECHA	
	fatty acid C≥14≤22 considered as readily	source). Oleic acid is a fatty	
	biodegradable in DID list part A (DID n°	acid C≥14≤22 with EC 50 = 100	
	2520)	mg/mL (DID list part-A)	

(X) Unavoidable SVHC: absence.

impurities and | Heavy metals (randomly analysed with atomic absorption spectrophotometer): As, Cd, Co, Cr,

possible traces of Hg, Ni, Pb, Sb below 1 ppm. Total below 10 ppm

contaminants | Pesticides: absence.

GMO: absence.

Food allergens (as per Directive 2007/68/C): absence

Latex: allergens

Residual solvents: absence (not used) Polycyclic Aromatic Hydrocarbons: absence.

Free amines: absence. Phthalates: absence. Glycol ethers: absence. Formaldehyde: absence. Ethylene oxide: absence. Nanomaterials: absence. Monomers: absence.

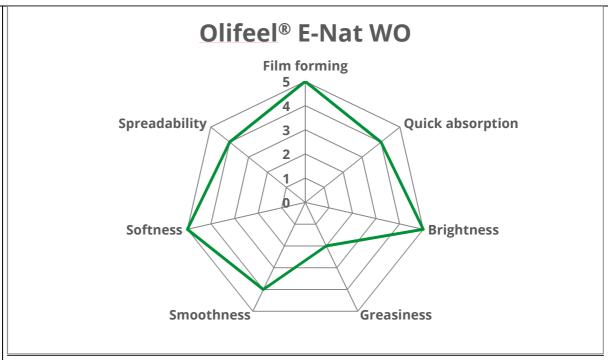


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	Proteins: absence VOC (volatile organic components as per European and Swiss laws): OLIFEEL E-NAT W/O does not contain any volatile organic compounds Other impurities or residues: absence. Absence: based upon data from our starting material suppliers and knowledge of the manufacturing process, we have no reason to believe that these substances are present.
(XI) Additives	Neutralisers: no. Preservatives: no. Antioxidants: no. Stabilisers: no. Catalysts: no. Bleaching agents: no. Chelating agents: no. Ethanol: no
(XII) Ingredients origin	Animal: no Animal Protection (Cites): NA Vegetable: yes (all the raw materials used for the synthesis of the components included in the mixture) Plant name: Olea Europaea for Polyglyceryl-3 oleate, Ricinus communis for Polyglyceryl-3 Polyricinoleate Plant Protection (Cites): No GMO: We herewith declare that the raw materials and processing aids used in the production of OLIFEEL E-NAT W/O do not contain or consist of GMO's and they are not produced from GMO's. Mineral: no. Biotechnological processing: no. Polymer: No Monomers: No
, ,	OLIFEEL E-NAT W/O is not certified Halal/Kosher. We confirm that the product: does not contain any substance of animal origin neither these substances are used during manufacturing process. does not contain alcohol neither the alcohol is used during the manufacturing process. Is completely separated from any substance of animal origin and/or containing alcohol during the manufacturing process, as well as in the warehouse.
(XIV) Vegan/vegetarian	OLIFEEL E-NAT W/O is suitable for vegan/vegetarian use
	PRODUCT INFORMATION
(XV) Properties	HLB: approx. 5 (suitable for all kind of W/O emulsions) Emulsifying properties: • Sensorial evaluation of Olifeel® E-Nat WO behavior in an W/O emulsion:



Olifeel E-NAT W/O



- Compatibility with all kind of oil with different polarities, UV filters, actives and thickeners
- Different % of use depending on the finished product (viscosity is linked to the amount of water)
- Unique rich and non-greasy after skin feel

MICROBIOLOGICAL STABILITY

Due to the knowledge of the manufacturing process of both components (esterification performed under high temperature) and of the chemical characterization of the finished product (absence of free water), OLIFEEL E-NAT W/O can be considered exempted from microbiological contamination and possibility of microbial growth during the time.

	product (absence of free water), OLIFEEL E-NAT W/O can be considered exempted from	
	microbiological contamination and possibility of microbial growth during the time.	
(XVI)	1) Esterification of polyglycerin with fatty acids coming from non edible fraction of olive oil.	
Manufacturing	2) Esterification of polyglycerin-3 with polyricinoleic acid	
flow chart	3) Mixing under controlled operative conditions (temperature, time, sequence of addition)	
	4) Packaging	
(XVII)	SDS available.	
Specification		
(XVIII) Material	MSDS available.	
safety data sheet		
(XIX) Personal	See marketing brochure	
Care Applications		
and formulation		
(XX) Efficacy test	Not tested for efficacy.	



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(XXI) Storag	ge and	Keep the product in well-closed original packaging, in a fresh (below 30° C) place, protected	
ha	ndling	from light, heat sources. Material do not need homogenisation before use.	
		Stability: stable material.	
(XXII) She	elf Life	12 months from the production date, in the original sealed containers.	

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