

UNDEOAT

Active surfactant

Product category	Mild surfactant.	
Chemical nature	Lipoaminoacid obtained from condensation of Undecylenic acid and selected aminoacids typical of Oat (<i>Avena sativa</i>).	
Indications	Suitable in mild cleanser that require antibacterial and antifungal action. Can be also used in PEG-free and SLES-free formulations. Detergents for greasy skin and hair, anti-acne and anti-dandruff treatments, baby care, intimate hygiene.	
INCI name	Undecylenoyl Oat Amino Acids.	
Chemical-physical characteristics	Appearance:	clear liquid.
	Colour:	from pale yellow to yellow.
	Odour:	characteristic.
	pH:	7.00-8.00
	Dry residue (at 105°C):	30.00-34.00%
Microbiological specifications	Bacteria:	≤ 100 cfu/g
	Moulds and yeasts:	≤ 10 cfu/g
	<i>P. aeruginosa</i> :	absent
	<i>S. aureus</i> :	absent
	<i>C. albicans</i> :	absent



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Composition

INCI Name	CAS N°	EINECS/ELINCS N°	%
Undecylenoyl Oat Amino Acids	1309594-58-8	-	25-35
Aqua	7732-18-5	231-791-2	> 70

Preservative system	Preservative free.	
Suggested dosage	Between 3-5%.	
Stability	Product is stable when stored in normal conditions.	
Compatibility	Generally compatible with all substances if used according to general indications. Any incompatibility could be due to single ingredients of the mixture.	
Storage	Keep product away from direct light. Store in an air-tight container.	
Toxicological data	Skin irritation (<i>in vitro</i>):	not irritant.
	Skin irritation (<i>in vivo</i> sol.10%):	not irritant.
	Eye irritation (<i>in vitro</i>):	minimal irritant.
Shelf-life	12 months	



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