

TECHNICAL DATA SHEET

Effective date: 09.2023
Rev.2

Dermo-Filler

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Water, Propanediol, Ornithine, Phospholipids, Glycolipids
Manufacturing process	L-ornithine, amino acid obtained by biotechnology from vegetable starch, encapsulated in an Ionosome™
Raw material category	Active ingredient for cosmetics

TECHNICAL DATA

Composition

Preservative(s)	None
Anti-oxidant(s)	Tocopherol
Other(s)	Glycerin; Levulinic acid; p-Anisic acid; Sodium hydroxide; Helianthus annuus seed oil.

Compositional breakdown

INGREDIENTS	CAS n°	EINECS n°	% (W/W)
Water	7732-18-5	231-791-2	50.0-60.0
Propanediol	504-63-2	207-997-3	20.0-25.0
Ornithine	70-26-8	200-731-7	7.0-15.0
Phospholipids	8002-43-5	232-307-2	5.0-10.0
Glycolipids	/	/	1.0-5.0
Glycerin	56-81-5	200-289-5	1.0-2.0
Levulinic Acid	123-76-2	204-649-2	0.1-1.0
p-Anisic Acid	100-09-4	202-818-5	0.1-1.0
Sodium Hydroxide	1310-73-2	215-185-5	0.1-1.0
Tocopherol	59-02-9	200-412-2	≤ 0.1
Helianthus Annuus Seed Oil	8001-21-6	232-273-9	≤ 0.1

Physical and chemical parameters

Appearance	Liquid
Color	Off-white to pale yellow
Odor	Characteristic
pH	4.0 – 6.0

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Solubility	Soluble in water
Phospholipids	5.0 – 8.0 %
Peroxide value	< 5.0 meq O ₂ /kg
Ornithine	8.0 – 12.0 %

Biological parameters

Total plate count	< 100
Yeasts & Molds	< 10
S. aureus	Absent/g
P. aeruginosa	Absent/g
C. albicans	Absent/g

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in a cool and dry place, protected from light in tightly closed original container at a temperature below 25°C. Reclose immediately after use
Shelf Life	24 months under good storage conditions

LEGISLATION

Certification	-
EINECS	231-791-2, 207-997-3, 200-731-7, 232-307-2, -
CAS	7732-18-5, 504-63-2, 70-26-8, 8002-43-5, -

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