

# ADENNA

Vegetal DNA

Ref.: ADV

## ► DEFINITION

ADENNA is a solution of vegetal DNA (desoxyribonucleic acid) extracted from wheat germs.

With a moisturising, protective, and repair activity, ADENNA is intended for the care of dry, damaged, or mature skin and hair.



## ► ACTIVITY

ADENNA provides numerous proven benefits to the skin and hair:

- Moisture regulation;
- Healing and cellular restoration;
- Protection of the collagen fibbers (anti-elastase activity);
- Anti-oxidant properties (free-radicals scavenger), protective action against solar irradiation.



ADENNA is thus the ideal ingredient to restructure and protect the skin against causes and effects of skin ageing and to counteract damages caused by environmental aggressions (sun, cold, dryness, UV rays, pollution...).

## ► SPECIFICATIONS

Appearance:	liquid
Colour:	pale yellow
Odour:	characteristic of wheat, very slight
pH (direct):	7.0 - 9.0
Density at 20°C.:	1.05 ± 0.10
Conductivity (mS):	30.0 ± 5.0
Moisture (K Fisher):	< 94 %
Viscosity:	1.5 - 10 mPa.s
Total nitrogen:	0.08 - 0.20 %
Proteins content (N x 6.25):	0.5 - 1.25 %
Dry matter:	> 6.0 %
DNA concentration:	> 10.0 %
Preservation:	0.6 % sodium methyl paraben & 0.8 % phenoxyethanol
Total germs count:	< 100 cfu/ml
Yeast and mould:	< 100 cfu/ml
Pathogens:	absence

**▶ TOXICITY DATA**

1. Ocular tolerance: excellent
2. Cutaneous tolerance: excellent

**▶ SUGGESTED DOSAGE**

5 - 10 % in cosmetic formulations.

**▶ COMPATIBILITY**

ADENNA is easily mixable in monophasic gels and biphasic systems such as O/W and W/O emulsions, without any interference or specific incompatibility.

Add ADENNA into your solution or emulsion under cold shaking.

**▶ PRODUCT IDENTIFICATION**

<i>INCI Name (EU)</i>	<i>INCI Name (US)</i>	<i>CAS no.</i>	<i>Einecs no.</i>
Aqua	Water	7732-18-5	231-791-2
Triticum Vulgare Germ Extract	Triticum Vulgare (Wheat) Germ Extract	84012-44-2	281-689-7

Customs tariff (EU): 1302197000

**▶ STORAGE**

Keep the product away from light at a temperature below 20°C, preferably at +4°C.

*The complete product information and efficacy report are available on request.*