

Specifications and Characteristics

ASPECT	Homogeneous liquid
ODOR	Pleasant, characteristic
DENSITY	0.99▶1.01g/mL
FORMULATION	Each hydrolat is soluble in water, should be added at the end of the formulation (<25°C) and can also be used up to 100%
NATURAL ORIGIN INDEX	1 (ISO 16128)
SHELF LIFE	24 months
STORAGE CONDITIONS	Ambient temperature (<25°C)



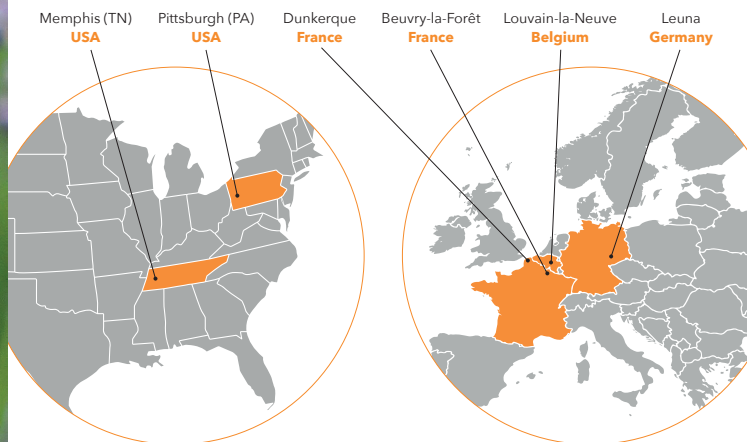
The given information is accurate to the best of our knowledge. Buyers are advised to make their own studies on the usefulness of any product for a particular application or purpose. Recommended usage information is only provided as indication, and should not be considered as recommendations to use the products in violation of any patents, intellectual property rights, laws, or regulations relating, but not limited to, manufacture, composition, product design or end usage.

MINASOLVE® is an affiliate of MINAFIN® Group

Created in 2004, **The MINAFIN® Group** is an expert in Health Chemistry, Green Chemistry and Challenging Chemistry. Activities include industrial subcontracting, development of chemical syntheses and industrial scale-up of custom-made processes as well as proprietary products with high added value for the pharmaceutical, cosmetics, agriculture and high-tech industries. Strong synergies exist between all business units: MINASOLVE, MINAKEM, PENNAKEM, PRESSURE CHEMICALS and MINASCENT.

Serving market leaders as well as emerging players we support our customers' efforts to improve the quality of life in the global community by:

- ▶ Improving our chemistry and operational excellence today
- ▶ Creating and innovating for tomorrow
- ▶ Driving our enterprises together to **go beyond expectations**



243
M€ SALES



900
EMPLOYEES



91
SCIENTISTS



6
PRODUCTION SITES

MINAFIN®
GROUP

2022 12. V4.1

New versions available

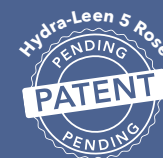
Hydra-Leen®

**STABILIZED HYDROLATS:
THE NATURAL FRAGRANCE**

✓ **Free of listed preservatives**

✓ **Technology & Tradition**

✓ **Sustainably Sourced**



MINASOLVE®
BIO-INGREDIENTS FOR YOUR APPLICATIONS

**green
solving
attitude.**

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Hydra-Leen from MINASOLVE:

Eco-responsibility is at the heart of Minasolve's global strategy. Our mission is to continuously offer innovative products while ensuring respect for people and the environment.

Hydra-Leen is our range of **storage stable hydrolats**. These are **aqueous solutions of natural fragrances** produced as a byproduct from the steam distillation of essential oils. The hydrolats have a similar fragrance profile as their parent essential oils. However, due to their higher dilution, hydrolats are safe and gentle to the skin. They are therefore an ideal solution for **perfuming natural cosmetic formulations**.

Non-stabilized hydrolats are quite **fragile products** that are sensitive to microbial contamination and can degrade over time. They must normally be stored in closed containers under cool and controlled conditions. Some non-stabilized hydrolats may even phase-separate, especially when stored in cold temperatures.

In contrast, thanks to our unique technology, the **Hydra-Leen** range of hydrolats from MINASOLVE is optimized for a **homogeneous composition** and an **extended shelf-life of 24 months**, even when **stored at ambient temperature** or **transported in hot or cold climates**. **Hydra-Leens** are free of listed preservatives. Hydra-Leen 5 Rose, 8 Neroli, and 8 Cedar are **COSMOS approved**. Hydra-Leen 8 Rose BIO, 8 Lavender BIO, and 8 Camomile BIO are produced from **ORGANIC plants** and are **COSMOS certified**.

All hydrolats used in **Hydra-Leen** are produced by our neighboring partners who maintain a **close relationship with the farmers** and guarantee **full traceability of the ingredients**.

COMMERCIAL NAMES	INCI	ORIGIN	PLANT PROPERTIES ⁽²⁾
Hydra-Leen 8 Lavender BIO   	Lavandula Angustifolia Flower Water, Caprylyl Glycol, Glycerin, Water	France	<ul style="list-style-type: none"> ▶ Razor burn, sunburn or burning skin: soothing properties ▶ Acne-prone skin and anti-ageing formulations: healing and regenerating action ▶ Face Tonic: cleansing and astringent properties ▶ Oral care: reduces the appearance of mouth ulcers and leaves fresh breath (mouthwash) ▶ Lice repellent
Hydra-Leen 8 Camomile BIO   	Anthemis Nobilis Flower Water, Caprylyl Glycol, Glycerin, Water	France	<p>Skin care:</p> <ul style="list-style-type: none"> ▶ Problematic and sensitive skin: soothing, regenerating skin tonic. It can be used in make-up removers. ▶ Mature skin: regenerative properties <p>Hair care:</p> <ul style="list-style-type: none"> ▶ helps to promote hair growth and gives shine to blond hair ▶ Gives a sweet, tangy apple scent to formulation
Hydra-Leen 5 Rose ⁽¹⁾  	Rosa Damascena Flower Water, Pentylene Glycol	Morocco (Kelaat-M'Gouna)	<ul style="list-style-type: none"> ▶ Very gentle, it is suitable for all skin types ▶ Its antioxidant and toning properties are perfect for anti-ageing formulations ▶ Refreshing, soothes skin prone to redness ▶ Powerful and fresh scent, bringing the sweet smell of rose to your formulation
Hydra-Leen 8 Rose BIO  	Rosa Damascena Flower Water, Caprylyl Glycol, Glycerin, Water	Morocco (Kelaat-M'Gouna)	<ul style="list-style-type: none"> ▶ Very gentle, it is suitable for all skin types ▶ Its antioxidant and toning properties are perfect for anti-ageing formulations ▶ Refreshing, soothes skin prone to redness ▶ Powerful and fresh scent, bringing the sweet smell of rose to your formulation
Hydra-Leen 8 Neroli ⁽¹⁾  	Citrus Aurantium Amara (Bitter Orange) Flower Water, Caprylyl Glycol, Glycerin, Water	Morocco (Marrakech)	<ul style="list-style-type: none"> ▶ Contains antiseptic and soothing properties, it is commonly used in formulations for sensitive, oily or problem skins (acne, rosacea, eczema) ▶ Helps to restore radiance to dull skins ▶ Provides soothing aromatherapy, it delicately perfumes formulations with soft, floral scents
Hydra-Leen 8 Cedar  	Cedrus Atlantica Bark Water, Caprylyl Glycol, Glycerin, Water	Morocco (Azrou)	<p>Hair care:</p> <ul style="list-style-type: none"> ▶ Tonic: promotes hair growth and acts against hair loss ▶ Brings strength and shine ▶ Purifies and balances oily scalp ▶ Relieves discomfort and fights against scalp problems (dandruff, psoriasis, eczema...) ▶ Lice repellent <p>Skin care:</p> <ul style="list-style-type: none"> ▶ Purifies and regulates oily and acne-prone skins ▶ Skin tonic ▶ Helps to soothe itching skin

⁽¹⁾ Also available in COSMOS Certified versions under the following names: Hydra-Leen 5 Rose BIO and Hydra-Leen 8 Neroli BIO

⁽²⁾ X. Fernandez, C. André, A. Casale, Hydrolats et eaux florales. Vertus et applications, Paris, Vuibert, 2014.