

Fomblin[®]



SOLVAY

asking more from chemistry[®]



Fomblin[®] HC

Transformative Specialty Ingredient
in Cosmetic Formulations

**SPECIALTY
POLYMERS**



Fomblin® HC is a family of specialty ingredients used to transform even the most basic formulations into innovative, multi-functional cosmetic products. They deliver essential characteristics and treatment benefits along with an unequalled sensorial experience when used at concentrations as low as 0.1 %.

Key Benefits

Fomblin® HC is a special odorless, colorless, transparent, non-greasy, film-forming liquid polymer which provides unique benefits:

- Skin barrier for protection against pollution and irritant agents
- Skin breathability with high oxygen permeability
- Exceptional velvety touch feel
- Long-wear performance with both oil and water repellency properties
- Innovative anti-transfer agent (kiss-proof lipstick)

Product Portfolio

Fomblin® HC/04, HC/25 and HC/R

Liquid polymers with respectively low, medium and high viscosity levels. They can be incorporated into any multi-phase cosmetic formulation as they build up a third phase that helps stabilize the system.

Fomblin® HC/OH-1000

A hydroxy group modification allows for easier dispersions and emulsions, besides higher substantivity and wetting power.

Fomblin® HC/P2-1000

The phosphate group modification is strong enough to disperse the polymer in water and other polar solvents, maintaining a gentle disposition towards the skin, even at a very low pH value. It can also be solubilized in water after partial neutralization.

Leveraging Fomblin® HC Across Your Portfolio

Skin Care

In skin care, the protective properties of Fomblin® HC combine with a velvety touch and non-clogging film to enhance formulations in lotions, moisturizers, serums and masks for facial or body care. Fomblin® HC can also be leveraged in grooming products for men, such as creams and lotions, post-shaving treatments, and moisturizers.

Unique Long-Lasting Protection

Fomblin® HC provides long-lasting protection against external aggressors like pollution, temperature and humidity.

Clinical studies have already demonstrated the protective effects of Fomblin® HC/R against facial irritation caused by medical treatments with vapors containing hydrogen sulfide as well as hand dermatitis caused by metal powders, paints, detergents, industrial oils and other irritating agents.

In addition to these benefits, all the grades delivers a unique velvety feel that enhances consumer experience by creating smooth and airy formulations, leaving the skin smooth and radiant.

Color Cosmetics

Fomblin® HC delivers premium attributes such as water and transfer resistance to lipsticks, eye make-up and facial make-up; it enhances the oil and water repellency of pigments and prevents them from cracking.

Safety

Solvay's mission is to bring innovation and added value to your cosmetic formulations through dedicated research and development programs focused upon optimized performance and safety.

Results from our comprehensive clinical and safety studies program have been collected and can now be shared with trade partners. All reports on toxicity tests have been reviewed, with special attention given to the detection of any potential sensitizing or photosensitizing activities.





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Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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