

Gemseal Range

Gemseal25,40,60,70&120

The products of the Gemseal range from Total Special Fluids are used as low-viscosity emollients in personal care formulations. Gemseal products cover a complete range of viscosities to meet the needs of any type of formulation, including skin care, hair care, make-up and sun care products.

Thanks to their unique technology, Gemseal products by Total Special Fluids offer extremely high purity and subtle texture grading. Moreover, they feature good compatibility with the oil phases and emulsifiers conventionally used in the cosmetics industry.

The detailed properties of the Gemseal range can be found at : <https://specialfluids.totalenergies.com/>

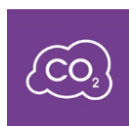


In contrast to the silicone oils that represent the major share of the market, Gemseal products are classified as readily **biodegradable**. Moreover, their **toxicology profile exceeds the usual requirements** of this market. They are non-occlusive, non-comedogenic, non-irritating and non-sensitizing.

The Environmental Performance



Classified as **readily biodegradable**



86% reduction in greenhouse gas emissions compared to silicone oils

EXTERNAL VERIFICATION

Independent auditor EY has verified that this product was labeled according to the method described in the TotalEnergies Ecosolutions Guidelines and that the guidelines comply with the principles set out in the ISO 14020 and 14021 standards which govern environmental claims and particularly their accuracy.

■ **Label award date:** December 2019 – Guidelines V5

■ **Label term:** December 2024

■ **Geographical scope:** World

Leveraging innovation to serve continuous improvement, the TotalEnergies Ecosolutions program involves developing products and services that enable our customers to improve their environmental footprint. For any question or to learn more about the TotalEnergies Ecosolutions program and the labeled products and services, go to: www.ecosolutions.totalenergies.com/en