Avena Lab
Farmadria d.o.o. Since 1991.

Import and distribution for Serbia: Farmadria DOO
info@avenalab.com
+381 (0) 69 / 55 65 029
www.avenalab.com

TECHNICAL DATA SHEET

Product Name: Paraffin Oil (Mineral Oil)

INCI Name: Paraffinum Liquidum

CAS: 8012-95-1 / 8042-47-5

Synonyms: Mineral oil, Liquid Paraffin, Liquid Petrolatum, Paraffinum Liquidum, Petrolatum Liquid, DB11057

Chemical Classification: Hydrocarbon

Functional Category: Skin Conditioning Agent ~ Occlusive; Viscosity Modifier ~ Viscosity Increasing

IUPAC Name: The hydrocarbon C31H64, typical component of paraffin wax.

Description: Paraffin oil, also known as mineral oil, is a purified oil derived from petroleum used in cosmetics for its occlusive properties. This ingredient forms a protective layer on the skin that prevents moisture loss, thus reducing transepidermal water loss. Structurally, paraffin oil is inert, meaning it does not react with other ingredients in formulations and has a low irritation potential, making it suitable for products aimed at sensitive skin. Due to its stability, paraffin oil resists oxidation and does not spoil the products to which it is added. It is used in moisturizers, lotions, lip balms, and body care products. As it is non-comedogenic, it can be used in formulations for all skin types without clogging pores. Paraffin oil also acts as a lubricant, facilitating smoother application of products on the skin. Creams and lotions containing paraffin oil have a pleasant, uniform texture without a sticky or greasy feel. It is a common ingredient in lip balms, helping to protect lips from drying and cracking. Clear, colorless, odorless, and tasteless oily liquid. It is miscible with chloroform, ether, benzene, and most fatty and essential oils but is not soluble in water and ethanol.

Benefits:

- Prevents moisture loss by forming a protective barrier on the skin.
- Soothes irritation due to its inert structure that does not cause reactions.
- Provides stability to cosmetic formulations due to its resistance to oxidation.

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.

Avena Lab
Farmadria d.o.o. Since 1991.

Import and distribution for Serbia: Farmadria DOO
info@avenalab.com
+381 (0) 69 / 55 65 029
www.avenalab.com

TECHNICAL DATA SHEET

- Suitable for all skin types as it does not clog pores.
- Improves product texture, allowing for smooth application on the skin.

Usage Instructions: Paraffin oil is used at various concentrations depending on the type of cosmetic product. In moisturizers and lotions, the typical concentration is between 1% and 10%, contributing to moisture retention and a soft feel on the skin. In lip balms and products for chapped skin, higher concentrations, from 10% to 30%, can be used for intensive protection and occlusive effect. In massage oil formulations, paraffin oil is used in pure form or combined with other oils, providing lubrication and easy application. In body care products requiring long-lasting hydration, concentrations are adjusted to ensure an optimal balance between occlusion and a pleasant product texture.

Animal Testing: Not tested on animals

GMO: Non-GMO

Vegan: Contains no animal-derived components

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.