

# Mineral Oil 70 NF

**INCI Name:** Mineral Oil

**CAS Numbers:** 8042-47-5

## Description:

Mineral Oil 70 NF, also called light or white mineral oil, is one of the most versatile petroleum products and is used in a wide variety of applications. Because of their extreme purity, these oils may be employed where less highly refined products would be unsuitable, from pharmaceuticals to cosmetics to plastics to food processing. In skin care it is used as an emollient.



## Technical Data:

<u>TEST, (METHOD)</u>	<u>SPECIFICATION</u>
Specific Gravity @ 25°C, (<841>)	0.818 - 0.880
Kinematic Viscosity @ 40°C, (<911>)	Not more than 33.5 cSt
Saybolt Viscosity @ 100°F, (ASTM D 2161)	65.0 - 80.0 SUS
Neutrality, (Current USP)	Neutral to litmus
Readily Carbonizable Substances, (Current USP)	Must pass color standard when subjected to Acid Test
Solid Paraffin, (Current USP)	Must pass clarity criteria when cooled for 4 hours at 0°C
Limit of Polynuclear Compounds, (Current USP)	Must pass UV absorbance Wavelength = 260 - 350 nm
Odor and Taste, (Organoleptic)	Not readily detectable
Appearance, (Organoleptic)	Reference Standard

## Applications:

Used in a variety of skin care products as a moisturizer to treat or prevent dry, rough, scaly, itchy skin and minor skin irritations (e.g., diaper rash, skin burns from radiation therapy).



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