

**Technical Data Sheet**

Head Office : 241, Hae Yang-Ro, Yeong Do-Gu, Busan, Korea Tel +82-51-403-6441 Fax +82-51-403-6440
Ulsan Plant : 91, Cheoyong-Ro 616 Beon-Gil, Nam-Gu, Ulsan, Korea Tel +82-52-256-7857 Fax +82-52-256-4070

PURUZOL 4

WHITE MINERAL OIL (Cosmetic Grade)

Product Description

PURUZOL 4 is a colorless, odorless, tasteless product manufactured from the high purity paraffinic base oil as the raw material through the latest refining process. It is an excellent product that is produced in facilities that meet the CGMP manufacturing standards.

* Production facilities with SUS316

Typical Application

- Skin softener and moisturising cream (cleansing oil and milk, body lotion and cream, tanning oil, milk and lotion and cosmetic powder)
- Protective base
- Baby suppliers (shampoo, baby oil and bath oil)
- Products for haircare (hot oil treatment, gel, hair grease)
- Essential oils for neutrality and protective diluent of highly concentrated cosmetic ingredients
- Bath preparation and deodorants
- Most beauty products (if relevant)

Features

- EFCI GMP for Cosmetic Ingredients (2017) Certified
- HACCP Certified
- HALAL Certified
- KOSHER Certified
- USA FDA, 21 CFR 172.878, 178.3620(a), White Mineral Oil Certified
- National Sanitation Foundation (NSF) Registered (H1, H3 & 3H) registration number 155876
- US Pharmacopeia, European Pharmacopeia Passed
- EU REACH (EC number 232-455-8) Registered
- CAS No: 8042-47-5 (White mineral oil)
- INCI name (Europe): Paraffinum Liquidum
- CTFA Dictionary name (USA): Mineral Oil

Package Sizes

- 200L STEEL DRUM
- 24,000L IN ISO TANK
- 24,000L IN FLEXIBAG



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Product Specification & Typical Properties

Typical Properties	Test Method	Specification	Typical
Appearance	VISUAL	Oily liquid nearly free from fluorescence, clear bright, free of any haze, turbidity, free from foreign matter contamination or water droplets	Oily liquid nearly free from fluorescence, clear bright, free of any haze, turbidity, free from foreign matter contamination or water droplets
Infrared Absorption	USP	The IR spectrum of the sample shall exhibit absorption bands of the same pattern and placement as those exhibited by the standard, with no extraneous bands present.	pass
Odor	-	Odorless	Odorless or very faint oil odor
Color, Saybolt	ASTM D 156	Min +30	+30
Density 15°C, g/cm	ASTM D 4052	Report	0.824
Flash point °C	ASTM D 92	Min 130	140
Pour point °C	ASTM D 97	Max -30.0	-51.0
Viscosity, SUS @ 100°F	ASTM D 2161	Max 45	42.0
Viscosity @ 40°C, mm ² /s	ASTM D 445	4.0 ~ 5.5	4.50
Refractive Index @20°C	ASTM D 1218	Report	1.4540
Acidity	USP	Shall pass test	Pass
Solid Paraffin	USP	Shall pass test	Pass
Limit of Sulfur Compounds	USP	Shall pass test	Pass
UV Absorbance 260-350nm	ASTM D 2269	Max 0.1	0.020
Readily Carbonizable Substances, 95% H ₂ SO ₄	ASTM D 565	The oil should remain colorless or show a slight yellow color, and the acid will not be darker than the color produced by the standard	Pass



These characteristics are typical of current production. For more information, please contact us or visit www.michang.co.kr.

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