



Technical Data Sheet (TDS) — White Oil

Product Name: White Oil (Food, Pharma, Cosmetic, Industrial Grades)

Supplier: Basekim Chemical Production Co. — UAE / Turkey

Product Description

Basekim White Oil is a highly refined, water-clear, odorless, and tasteless mineral oil. It is chemically stable, non-toxic, and suitable for industries requiring high purity, including food, pharmaceutical, cosmetic, and industrial sectors.

Applications

- **Pharmaceutical:** Ointment bases, creams, baby oils, topical formulations.
- **Food processing:** Food-safe lubricants, release agents, and anti-dust agents.
- **Cosmetics:** Lotions, creams, hair care products, makeup.
- **Industrial:** Plastics processing, textile coning oil, defoamers, process oils.

Key Benefits

- Excellent purity and color stability.
- Completely odorless and tasteless.
- Low volatility and high stability.
- Non-staining, safe for sensitive applications.
- Multiple viscosity grades available for different uses.

Typical Properties

Property	Light Grade	Medium Grade	Heavy Grade
Density @ 15°C (g/mL)	0.835 – 0.845	0.845 – 0.860	0.860 – 0.880
KV @ 40°C (cSt)	10 – 20	30 – 70	90 – 115
KV @ 100°C (cSt)	3 – 4	5 – 8	10 – 12
Viscosity Index	95 – 105	95 – 105	90 – 100
Flash Point (°C, COC)	≥ 180	≥ 190	≥ 200
Pour Point (°C)	-12 to -15	-9 to -12	-6 to -9



Property	Light Grade	Medium Grade	Heavy Grade
Color (Saybolt)	+30	+30	+30

Exact values are batch specific and verified by Certificate of Analysis.

Compliance & Certifications

- USP/NF or Ph.Eur medicinal grade available upon request.
- NSF H1 incidental food-contact lubricant registration (when specified).
- Kosher and other certifications as required.

Packaging

- 20 L pails
- 200 L steel drums
- 1000 L IBC tanks
- Bulk shipments available

Storage & Handling

- Store in a clean, dry, and cool area between 5–40°C.
- Keep containers sealed to maintain purity.
- Avoid contamination from dust or foreign materials.
- Use dedicated transfer equipment for food and pharmaceutical grades.

Quality Documentation

Each shipment is accompanied by:

- Certificate of Analysis (COA)
- MSDS
- Compliance letters for regulatory certifications where applicable