

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

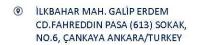
- **Pharmaceutical:** Ointment bases, creams, baby oils, topical formulations.
- **Food processing:** Food-safe lubricants, release agents, and anti-dust agents.
- Cosmetics: Lotions, creams, hair care products, makeup.
- **Industrial:** Plastics processing, textile coning oil, defoamers, process oils.

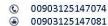
Key Benefits

- 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 | 0.8 <mark>60 - 0.</mark> 880 |
| KV @ 40°C (cSt) | 10 – 20 | 30 – 70 | 90 <mark> – 115</mark> |
| 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 |





info@basekim.comwww.basekim.com





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

