

Food Grade White Oil



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COOMCOOL[®]
科美克[®]

Coomcool Food Grade White Oil

White oil is a hydrocarbon composed of saturated alkanes and cycloalkanes. It is immiscible with water, colorless, odorless, and possesses strong physical and chemical stability.

In China, white oil products are classified into three grades:

- Industrial Grade
- Cosmetic Grade
- Food Grade

Developed countries classify white oil into two grades:

- Technical Grade
- Food Grade

Technical grade corresponds to the industrial and cosmetic grades in China.

Coomcool FGL series is a high-quality white oil refined to a high degree. It is colorless, odorless, and its stability and purity meet or exceed the highest industry standards.

Due to its high purity characteristics, this series of products is suitable for personal care, cosmetics, pharmaceuticals, food processing, and plastics industries.



Typical Characteristics

Product Features

- Colorless, odorless, and non-fluorescent.
- Low pour point and low volatility.
- Non-toxic and harmless.
- Provides clean and contamination-free lubrication.

Technical Specifications

Model	FGL 15	FGL 32	FGL 68	FGL 100
Density@20°C, g/cm³	0.846	0.855	0.864	0.865
Viscosity@40°C, mm²/s	14.9	35.2	70.3	104.6
Flash Point, °C	192	205	260	262
Pour Point, °C	- 33	- 30	- 28	- 28

Applications

- Cosmetics Manufacturing
- Food Processing and Packaging Machinery
- Agricultural Product Processing Industry
- Cosmetics and Pharmaceutical Processing Aids
- Packaging and Animal Feed Processing Industry

Product Applications



Agriculture and Food Industry

- Release agents for baking tools and processing equipment
- Cheese production
- Production of pet food and feed
- Dust control agents for grains and animal feed
- Bottling equipment in breweries
- Drinking water treatment
- Protective coatings for fruits and vegetables

Pharmaceutical Industry

- Capsule Lubricants
- Granulation Aids
- Medical Device Lubricants
- Oral Care Products
- Animal Vaccines
- Pharmaceutical Production Aids

Plant Quarantine Industry

- Pesticides, Insecticides, Fungicides
- Tree Protection Sprays
- Plant and Animal Sprays

Product Applications



Cosmetics and Beauty Industry

- Sunscreens
- Lipsticks, Foundations, and Eye Makeup
- Soaps and Bath Oils
- Fragrances and Perfumes
- Skin Creams and Hand Creams
- Shampoos and Body Washes
- Makeup Removers and Moisturizers

Plastics and Elastomers Industry

- PVC, Polystyrene, Thermoplastic Elastomers
- Lithium Battery Separators
- Catalyst Carriers
- Plastic and Resin Processing Aids
- Plasticizers
- Diluents

Textile Industry and Metal Processing

- Textile Machinery Lubricants
- Stainless Steel Cleaners
- Aluminum Stamping and Drawing Oils
- Impregnating Oils
- Grinding Oils