

FINAVESTAN U



WHITE OILS



TOTAL

Medicinal Grade White Mineral Oils.

APPLICATIONS

- The application is subject to the applicable laws and regulations in each country.
- Component for many pharmaceutical and cosmetic products.
- Plasticizer for the polystyrene, external lubricant and other uses for food packaging.
- Extender for elastomers and used also for adhesives formulations.
- Defoaming agent, protective film and release agent in the food industry.
- Component of the lubricants for the food industry (incidental food contact).
- Food processing aid (direct food contact) and food additive.

SPECIFICATIONS

- **FINAVESTAN U** oils meet the requirements of the following specifications⁽¹⁾:
- European Pharmacopoeia, most recent edition
- British Pharmacopoeia, BP 2001 French Pharmacopoeia Francaise, 10th edition
- US Pharmacopoeia, most recent edition
- US FDA, 21 CFR 172.878 et 21 CFR 178-3620(a), White Mineral Oil
- European Directive 2004/19/CE amending Directive 2002/72/EC relating to plastic materials and articles intended to come into contact with foodstuffs
- ⁽¹⁾ For every regulation, see the definition of the white mineral oil according to the selected viscosity grade of **FINAVESTAN U** oil.

ADVANTAGES

Quality and purity for non-pharmaceutical applications.

- **FINAVESTAN U** white oils are extremely high purity.
- Transparent, colorless, odorless, and tasteless.
- Meets pharmaceutical, cosmetic, and food industry requirements.
- Subject to the regulations in each country.
- Obtained from petroleum through important stages of refining.

TYPICAL CHARACTERISTICS	METHODS	FINAVESTAN U						
		70	85	100	190	210	350	500
SUS Viscosity Grade								
Color, Saybolt	ASTM D 156	+30	+30	+30	+30	+30	+30	+30
Viscosity at 40°C, cSt	ASTM D 445	12.2	15.6	19.0	36.0	39.1	68.5	100.0
Viscosity Index	ASTM D 2270	95	95	95	95	95	95	95
Density @ 60°F, lbs./gal.	ASTM D 1298	7.20	7.13	7.14	7.19	7.19	7.27	7.30
Specific Gravity @ 60/60°F	ASTM D 1298	0.863	0.855	0.856	0.861	0.861	0.871	0.875
Flash Point, COC, °F	ASTM D 92	360	375	375	410	410	450	512
Flash Point, COC, °C	ASTM D 92	182	190	190	210	210	232	267
US Pharmaceutical Category		NF	NF	NF	USP	USP	USP	USP

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.