

FINAVESTAN



White oils

White mineral oils (pharmaceutical quality grade).

APPLICATIONS

Plastic industry
Pharmaceutical and cosmetics applications

Food industry

- Plasticizers for the polystyrene industry and extender for thermoplastic elastomers.
- Ingredient used in the cosmetics and in pharmaceutical industries.
- Used as foam preventing agent, protective film and release agent in food industry (according to local legislation).
- Lubrication of food machinery (incidental food contact).
- Use of medicinal grade white oil as food processing aid (direct contact) is subjected to the applicable laws and regulation in each country.

SPECIFICATIONS

Food and drug Administration

Pharmacopeia
Plastic industry

FINAVESTAN white oils meet the purity requirements of the following regulations:

- FDA, 21 CFR 172-878 and FDA, 21 CFR 178-3620 (a), 21 CFR 178-3570 (Incidental food contact H1).
- European and US pharmacopeia
- Pharmacopeia of Japan, Germany DAB, Britain BP, France.
- Directive 2002/72/EC (former 90/128/ECC and 99/91 amendment) : FINAVESTAN A 360 B and A 520 B only.

ADVANTAGES

Quality

Purity

- Highly purified white oils approved for indirect food contact (incidental food contact).
- Free of sulfur and aromatic hydrocarbons, absence of colour and odour and excellent light stability.
- Due to refining stage including a high technological high pressure hydrogenation process, FINAVESTAN white oils guarantee specification more severe than the requirements of pharmacopoeias.

TYPICAL CHARACTERISTICS	METHODS	UNITS	FINAVESTAN						
			A50B	A80B	A100B	A180B	A210B	A360B	A520B
Viscosity at 40°C	ISO 3104	mm ² /s	7.5	15	18	29	40	70	100
Saybolt colour	ASTM D 56	-	+ 30	+ 30	+ 30	+ 30	+ 30	+ 30	+ 30
Density at 20 °C	ASTM D 4052	kg/m ³	835	850	855	860	865	870	871
Flash point O.C.	ISO 2592	°C	160	190	195	217	225	250	265
Pour point	ISO 3016	°C	- 12	- 9	- 9	- 8	- 9	- 18	- 15

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
09-09-2008 (supersedes 09-10-2003)
FINAVESTAN
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.