

FS Mineral (White) Oil

Description

FS Mineral (White) Oil delivers value through a high degree of purity – it is colorless, odorless, and tasteless. The purity of FS Mineral (White) Oil accounts for its common use in medicinal and cosmetic products. The low phytotoxicity of FS Mineral (White) Oil makes it a preferred component of products applied to agricultural and ornamental plants.

FS Mineral (White) Oil delivers value through a wide application range – it is made of common ingredients used in pharmaceuticals and cosmetics. The plastics, textile, and food industries are major users of FS Mineral (White) Oil.

Features and Benefits:

- FS Mineral (White) Oil is a colorless, odorless, tasteless mixture of saturated paraffinic and naphthenic hydrocarbons that has a viscosity of 65-85 SUS at 100°F.
- This nearly chemically inert oil is virtually free of nitrogen, sulfur, oxygen, and aromatic hydrocarbons.
- FS Mineral (White) Oil contains Vitamin E, a natural antioxidant, to protect quality during handling and storage.
- It is clear, bright, and free of solids and water.

Applications:

- Where direct food contact may occur
- Where prolonged contact with human skin is necessary
- Where odor and staining must be minimized
- Where outstanding long service under adverse conditions is required

FS Mineral (White) Oil must be stored in approved containers to prevent contamination that could jeopardize its food grade status.

Meets or Exceeds:

- U.S. Food and Drug Administration (FDA) requirements:
 - For direct use in food, 21 CFR 172.878
 - For applications where incidental food contact may occur, 21 CFR 178.3570
 - For use in animal feed, 21 CFR 573.680
 - For use as technical white oil, 21 CFR 178.3620(b)
- All U.S. Pharmacopoeia (USP) requirements for mineral oils
- All Cosmetic, Toiletry, and Fragrance Association (CTFA) requirements for mineral oils
- The requirements of the U.S. Department of Agriculture (USDA) for use in federally inspected meat and poultry plants as an H1 lubricant where incidental food contact may occur and as a 3H release agent where direct food contact may occur
- Certified Kosher and Pareve.
- Accepted by the Canadian Food Inspection Agency for use in Registered Plants and for use on food equipment or machinery parts where contact with food is only incidental.
- Authorized by the USDA for use on shell eggs as protecting oils in plants operating under the USDA voluntary shell egg-grading program.

Typical Properties:

Test / Description	Specification
Viscosity @ 40°C (cSt)	13.9
Density (lb/gal)	7.08
CCS Viscosity (cP)	NA
Pour Point (°C)	-27
Pour Point (°F)	-17
Flash Point (°C)	182
Flash Point (°F)	360

Product Availability:

Check price pages for item numbers.

Typical test data are average values only. Minor variations that do not affect product performance are to be expected in normal manufacturing.