



CHEVRON SUPERLA[®] WHITE OILS

5, 7, 9, 10, 21, 35

CUSTOMER BENEFITS

Chevron Superla White Oils deliver value through:

- **A high degree of purity** — Colorless, odorless, tasteless. The purity of Chevron Superla White Oils accounts for their frequent use in medicinal and cosmetic products. The low phytotoxicity of Chevron Superla White Oils can make them a preferred component of products applied to agricultural and ornamental plants.
- **A wide application range** — Chevron Superla White Oils are common ingredients of pharmaceuticals and cosmetics. The plastics, textile and food industries are major users of Chevron Superla White Oils.

FEATURES

Chevron Superla White Oils are colorless, odorless, tasteless mixtures of saturated paraffinic and naphthenic hydrocarbons that span a viscosity range of 50-625 SUS at 100°F.

These nearly chemically inert oils are virtually free of nitrogen, sulfur, oxygen and aromatic hydrocarbons.

Chevron Superla White Oils contain Vitamin E, a natural antioxidant, to protect quality during handling and storage.

They are clear, bright, and free of solids and water.

APPLICATIONS

Chevron Superla White Oils find wide application:

- 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

Chevron Superla White Oils must be stored in approved containers to prevent contamination that could jeopardize their food grade status.

Chevron Superla White Oils:

- meet or exceed **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 oils, 21 CFR 178.3620(b)
 - for use as a plasticizer in polymeric substances, 21 CFR 178.3740
- meet all **U.S. Pharmacopeia (USP)** requirements for mineral oils
- meet all **Cosmetic, Toiletry, and Fragrance Association (CTFA)** requirements for white mineral oils
- are certified by **NSF** and are acceptable as lubricants where incidental food contact may occur (H1) in and around food processing areas and as a release agent (3H) where direct food contact may occur. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.
- are certified **Kosher** and **Pareve**.
- are 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.

Chevron Superla White Oils **5, 7, 9, and 10** are authorized by the USDA for use on shell eggs as protecting oils in plants operating under the USDA voluntary shell egg grading program.

TYPICAL TEST DATA

	5	7	9	10	21	35
<i>Product Number</i>	231013	231011	231010	231009	231006	231004
<i>MSDS Number</i>	7292	7292	7292	7292	7292	7292
Gravity API Specific, 25°C/25°C	37.9 0.831	33.7 0.851	33.5 0.852	33.5 0.853	31.6 0.863	30.6 0.868
Viscosity, Kinematic cSt at 40°C	7.8	13.3	15.6	19.0	40.5	67.3
Viscosity, Saybolt SUS at 100°F	53	75	85	96	209	353
Flash Point, °C(°F)	154(310)	182(360)	185(365)	188(370)	210(410)	229(445)
Pour Point, °C(°F)	-7(+20)	-18(0)	-15(+5)	-12(+10)	-12(+10)	-12(+10)
Color, Saybolt	+30 minimum					

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