

CLARION®

广州孚润 400-992-6811



Food Grade White Mineral Oils

OVERVIEW



- High-purity oils refined by ultra-high pressure hydrotreatment and stabilized with vitamin E oxidation inhibitor.
- Available in five viscosity grades.
- Do not contain any natural products derived from animals, nuts, or genetically modified organisms (GMOs).
- Suitable for use where vegetarian and nut-free food is prepared.

FEATURES & BENEFITS



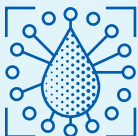
- Meet the requirements of U.S. FDA regulations 21 CFR 172.878 for contact with food for human consumption, and 21 CFR 178.3620 (a) for use as a component of nonfood articles intended for use in contact with food for human consumption.
- NSF 3H and H1 registered for use in food plants under the jurisdiction of the USDA.
- Meet the current standards of the National Formulary (NF) or US Pharmacopeia (USP).
- Certified under NSF/ANSI Standards 60 and 61 (grades 200 and 350 only).
- Certified as Kosher with the Union of Orthodox Jewish Congregations of America (U).
- Certified as Halal with the Islamic Food and Nutrition Council of America (M).



Certified to
NSF/ANSI Standard
60 and 61

Clarion Food Grade
White Mineral Oils 200 and 350
(ONLY)

APPLICATIONS



- Coatings for fruits and vegetables, defoamers, shell egg spray, bakery pans and dough dividers, cutters, knives, meat packers' benches, boards, trays, and hooks.
- Rust preventative and lubricant for food processing machinery.
- For use in cosmetics, suntan lotions, baby oils, bath oils, as a base for ointments, as a pelletizing aid, and as a drug processing agent.
- For use in the fibers, plastics, and resins area as a process aid, a diluent, a pigment dispersant, and textile fiber lubricant.
- For use in the food processing area as a release agent on grills, pans, and other food processing equipment.
- Grades 200 and 350 are recommended for water well pumps and water system machinery where an NSF/ANSI Standard 60 and/or Standard 61 certified lubricant is required or desired.

PROPERTIES**Typical Properties for CLARION® Food Grade White Mineral Oils:**

	70	90	200	350	500
Material Code	633507009	633509009	633512009	633514009	633516009
ISO Grade	10	15	32	68	100
Gravity, °API ASTM D4052	34.4	32.2	32.3	31.6	31.1
Density, lb/gallon	7.10	7.2	7.23	7.23	7.25
Flash Point, °C (°F) ASTM D92	188 (370)	190 (374)	218 (424)	246 (475)	246 (475)
Pour Point, °C (°F) ASTM D97	-33 (-27)	-27 (-17)	-12 (+10)	-12 (+10)	-9 (+16)
Viscosity ASTM D445					
cSt at 40°C	12.6	16.0	37.5	65.04	107.8
cSt at 100°C	3.0	3.47	6.03	8.58	12.00
SUS at 100°F	72	87	193	337	562
Color, Saybolt, ASTM D156	+30	+30	+30	+30	+30
NF/USP	NF	NF	USP	USP	USP
USDA Shell Egg Oil	✓	✓	—	—	—
Kosher	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Halal	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ
NSF Registered	3H/H1	3H/H1	3H/H1	3H/H1	3H/H1
(Registration Number)	(124614)	(124616)	(124609)	(124612)	(124618)
NSF/ANSI Standard 60 Certified	—	—	✓	✓	—
NSF/ANSI Standard 61 Certified	—	—	✓	✓	—
FDA 21 CFR					
172.878	✓	✓	✓	✓	✓
178.3620(a)	✓	✓	✓	✓	✓

NOTE: All oils above are colorless (Saybolt +30 Color), odorless, and tasteless and surpass the requirements of FDA and U.S. Pharmacopeia standard for Neutrality, Sulfur Compounds, Solid Paraffins, Readily Carbonizable Substances, and Residual Solvents.

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