

SCHÜMANN / STEIER, INC.

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PRODUCT BULLETIN

DUOPRIME[®] OIL 240 WHITE MINERAL OIL, USP

| <i>Property</i> | <i>Method</i> | <i>Specifications</i> | <i>Typical Value</i> |
|---------------------------|---------------|-----------------------|----------------------|
| Viscosity at 40°C, cSt | D445 | 43.4 – 48.5 | 46.5 |
| Viscosity at 100°F, SUS | D2161 | 225 – 250 | 240 |
| Viscosity at 100°C, cSt | D445 | --- | 6.8 |
| Specific Gravity, 25/25°C | D4052 | --- | 0.856 |
| API Gravity, ° | D4052 (calc) | 31.0 – 33.0 | 31.7 |
| Color, Saybolt | D156 | +30, min | +30 |
| Pour Point, °F | D97 | --- | +10 |
| Flash Point, °F | D92 | --- | 410 |
| 21 CFR 172.878 | CFR | Pass | Pass |
| USP/NF | USP/NF | Pass | Pass |

Duoprime[®] Oil 240 is certified to meet the requirements of the United States Pharmacopeia (current revision) and the following FDA regulations:

- 21 CFR 172.878 *Direct use in food*
- 21 CFR 178.3620(a) *Indirect use in food*
- 21 CFR 573.680 *Use in animal feed*

Duoprime[®] Oil 240 is NSF H1, 3H registered and meets the USDA 1998 H1, 3H guidelines for use in USDA inspected meat and poultry plants. It is produced under Kosher Supervision of the Kashruth division of the Union of Orthodox Jewish Congregations of America.

SCHUMANN/STEIER, INC EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY OR FITNESS, EXPRESSED OR IMPLIED, AS TO THE SUITABILITY OF DUOPRIME[®] OIL 240 FOR USE IN ANY SECONDARY PRODUCTS INCLUDING THE ACTUAL RESULTS OF ITS USE IN ANY SUCH PRODUCTS. SCHUMANN/STEIER, INC ALSO EXPRESSLY DISCLAIMS THE ABOVE WARRANTIES RESULTING FROM THE USE OF THIS PRODUCT OR ANY SAMPLE OF THIS PRODUCT IN ANY SECONDARY PRODUCTS.