



AN HF SINCLAIR BRAND

Specifications for
MULTIWAX® 7545 Microcrystalline Wax

<u>PROPERTIES GUARANTEED</u>	<u>TEST METHOD</u>	<u>LIMITS</u>
Residue On Ignition	NF (current revision)	0.10 Max.
Organic Acids	NF (current revision)	PASS
Alkalinity	NF (current revision)	PASS
Acidity	NF (current revision)	PASS
Fixed Oils, Fats, And Rosin	NF (current revision)	PASS
Color	NF (current revision)	PASS
Residual Solvents, Reportable Qty	USP 467	NONE
Melting Point, °C	ASTM D127	76.7/85.0
Melting Point, °F	ASTM D127	170/185
Penetration @ 77°F	ASTM D1321	35/70
Color, Saybolt	ASTM D156	+16 Min.
Viscosity @ 210°F, SUS	ASTM D2161	75/100
Kinematic Viscosity, 100°C, cSt	ASTM D445	11.0 Min.
Average Molecular Weight	ASTM D6352	500 Min.
Carbon Number at 5% Distillation Pt.	ASTM D6352	25 Min.
Odor Rating, Panel Average	LATM 093	0.8 Max.
IR Identification	USP 197F	PASS

MULTIWAX® 7545 is a Microcrystalline Wax NF meeting requirements for NF (current revision) and FDA requirements as per 21 CFR 172.886. MULTIWAX® 7545 meets the recommendations set forth in Cosmetics Europe N° 14, Mineral Hydrocarbons in Oral and Lip Care.

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Safety Data Sheets for the products mentioned herein. All sales are subject to Sonneborn's standard terms and conditions of sale, copies of which are available upon request and which are part of Sonneborn invoices and/or order acknowledgments. Except as expressly provided in Sonneborn standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.
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