

# TECHNICAL DATA SHEET

## Fischer-Tropsch Wax ANW-4503

Neutral draft for commercial and technical evaluation

<b>Product code</b>	ANW-4503	<b>Chemical family</b>	Synthetic paraffin wax / Fischer-Tropsch wax
<b>CAS / EC No.</b>	8002-74-2 / 232-315-6	<b>Product form</b>	Solid

### Product description

ANW-4503 is a low-congealing Fischer-Tropsch wax supplied in solid form. It is intended for industrial wax formulation and related processing where a low congealing point, controlled odor, and moderate oil content are acceptable. Typical reference end uses include chlorinated paraffin production and fertilizer degradation agent systems.

### Typical technical data

Note: Values above are commercial reference data for grade description. Final released batch values should be confirmed by the lot-specific Certificate of Analysis (COA).

Property	Unit	Test method	Reference value
<b>Congealing point</b>	°C	ASTM D938 / GB/T 28724-2022	<b>42-46</b>
<b>Closed-cup flash point</b>	°C	ASTM D93 / GB/T 261-2021	<b>Report on COA</b>
<b>Odor</b>	-	ASTM D1833 / SH/T 0414-2004	<b>≤1</b>
<b>Oil content</b>	wt%	ASTM D721 / GB/T 3554-2008	<b>≤12</b>
<b>Color, Saybolt</b>	-	ASTM D156 / GB/T 3555-2022	<b>≥25</b>
<b>Kinematic viscosity at 100°C</b>	mm <sup>2</sup> /s	ASTM D445 / GB/T 265-88	<b>Report on COA</b>

<b>Physical form</b>	-	Visual	<b>Solid</b>
<b>Standard packing</b>	-	-	<b>22 kg box</b>

<p><b>Key product features</b></p> <ul style="list-style-type: none"> <li>• Low congealing solid grade for industrial wax processing</li> <li>• Moderate oil content profile suited to non-regulated industrial applications</li> <li>• Low odor with color reported as Saybolt value</li> <li>• Flash point and viscosity should be confirmed on the lot-specific COA</li> </ul>	<p><b>Typical applications</b></p> <ul style="list-style-type: none"> <li>• Chlorinated paraffin</li> <li>• Fertilizer degradation agents</li> </ul>
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### Storage and handling guidance

- Store in a clean, dry, well-ventilated area away from direct heat, ignition sources, and strong oxidizing agents.
- Keep containers or bags closed when not in use to avoid contamination.
- If handled in molten form, avoid unnecessary overheating. For safe melting, personal protection, first-aid, and emergency measures, review the latest Safety Data Sheet (SDS).

**Commercial / compliance note**

- This document is a Technical Data Sheet and does not replace the Safety Data Sheet (SDS).
- Typical applications stated in this sheet are reference uses only and do not constitute a representation of regulatory approval or suitability in the customer's specific formulation, process, or jurisdiction.
- For EU, UK, or other regulated markets, product classification, label language, SDS supply, and registration or importer coverage must be confirmed for the actual legal entity and destination market before shipment.
- For personal care, pharmaceutical, food-contact, chewing-gum, or other regulated end uses, separate grade-specific compliance review and supporting documentation are required before commercial supply.

Disclaimer: The information in this sheet is intended to describe typical technical characteristics for product evaluation and commercial discussion. It should not be treated as a binding warranty or a substitute for customer qualification testing, SDS review, or contractual specification unless expressly agreed in writing.