

TECHNICAL DATA SHEET

Fischer-Tropsch Wax ANW-3803

Neutral draft for commercial and technical evaluation

Product code	ANW-3803	Chemical family	Synthetic paraffin wax / Fischer-Tropsch wax
CAS / EC No.	8002-74-2 / 232-315-6	Product form	Liquid

Product description

ANW-3803 is a very low-congealing Fischer-Tropsch wax grade supplied in liquid form. It is intended for industrial blending and processing applications where liquid handling, low odor, and wax compatibility are important. 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
Congealing point	°C	ASTM D938 / GB/T 28724-2022	≤38
Penetration (100 g, 25°C, 1/10 mm)	1/10 mm	ASTM D1321 / GB/T 4985-2021	Report on COA
Odor	-	ASTM D1833 / SH/T 0414-2004	≤1
Oil content	wt%	ASTM D721 / GB/T 3554-2008	Report on COA
Color, Saybolt	-	ASTM D156 / GB/T 3555-2022	≥25
Kinematic viscosity at 100°C	mm ² /s	ASTM D445 / GB/T 265-88	Report on COA

Physical form	-	Visual	Liquid
Standard packing	-	-	Bulk filling / as agreed

<p>Key product features</p> <ul style="list-style-type: none"> • Very low congealing liquid grade for compatible industrial wax systems • Liquid delivery form for easy pumping, dosing, or blending where suitable • Low odor profile for controlled processing conditions • Reference penetration, oil content, and viscosity values to be confirmed on the lot-specific COA 	<p>Typical applications</p> <ul style="list-style-type: none"> • Chlorinated paraffin • Fertilizer degradation agents
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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.