



PENCLEAR™

PETROLATUM

Experience the Penreco® difference. Our expertise and reputation were built through years of dedicated partnership with our customers. We are devoted to understanding the unique chemistry required to deliver customized products to meet the specific needs of today's consumer products.

Investing in our research and development is a core principle within Calumet. As the market and regulations continue to shift, Penreco is dedicated to innovation. PenClear™ petrolatum is our newest innovation in our Penreco line of products, replacing BHT with an all-natural antioxidant, tocopherol or vitamin E, which helps to maintain the performance of our products.

APPLICATIONS

- Cosmetics
- Pharmaceuticals
- Personal Care
- Creams, Balms, Ointments & Lotions
- Salves & Rubs

PRODUCT SPECIFICATIONS

	Melting Point, °F (°C) USP/ASTM D127	Viscosity SUS @ 210 °F ASTM D2161 Typical	Maximum Lovibond Color 2" Cell IP17	Consistency @ 77 °F USP/ASTM D937
PENCLEAR™ PETROLATUM				
SNOW WHITE	125/135 (52/57)	64/75	2.0	170/205
SUPER WHITE	125/135 (52/57)	–	0.5	170/205

Product Specifications are subject to change. All product sales are subject to the applicable terms and conditions.

*Typical values based on 2 year average production.

Penreco specializes in NICHE PRODUCT BLENDING to meet customer or monograph (including but not limited to USP/NF, EP, JP, EU) specific requirements.

REGULATORY INFORMATION

- Petrolatum is included on the TSCA Inventory.
- The CAS number for all products listed above is 8009-03-8.
- See Safety Data sheet for additional health, safety and disposal information.
- All Penreco USP petrolatums meet the following FDA regulations: 21 C.F.R. § 172.880 regarding direct food additives, 21 C.F.R. § 178.3700 regarding indirect food additives, and 21 C.F.R. § 573.720 regarding animal food additives.

NOTES

- PenClear products are additized with less than 20 ppm Vitamin E.
- Penreco petrolatums function as carriers, emollients, lubricants, base ingredients, binders, protective coatings, plasticizers, waterproofing, release agents and softeners.
- Test methods used are current USP/ASTM or validated Penreco equivalents.





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Product Data Sheet

If you have questions regarding this product, please contact your Sales Representative.
 Customer Service and Technical Service can be reached at 1-800-437-3188

Product: **SNOW WHITE PET USP**
 Revised **03/21/2016**
 HazMat Name: **Non-Regulated**

Product Code: **PEN1720-00-C-DR**

<u>Test</u>	<u>UOM</u>	<u>Method</u>	<u>MIN</u>	<u>MAX</u>	<u>Typical</u>
ORGANIC ACIDS	P/F	USP	PASS		PASS
FDA 21 CFR 172.880	P/F	FDA	PASS		PASS
VISCOSITY @ 210°F	SUS	D2161	64.0	75.0	67.1
SPECIFIC GRAVITY @ 60/25°C		D1298	.8150	.8550	.8429
COLOR, LOVIBOND, YELLOW		IP 17		2.00	.37
COLOR, WHITE PETROLATUM	P/F	USP	PASS		PASS
RESIDUE ON IGNITION	%	USP		.05	0.00
CONSISTENCY	dmm	USP	170	205	185
FIXED OILS, FATS, ROSINS	P/F	USP	PASS		PASS
ACIDITY	P/F	USP	PASS		PASS
ALKALINITY	P/F	USP	PASS		PASS
MELTING POINT	°F	USP CLSIII	125.0	135.0	133.3
MELTING POINT	°C	USP CLSIII	51.6	57.2	56.3

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Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Results only represent the values one would expect if the product was tested in our laboratories with our test methods on the specified date. The typical values of product properties are not frequently measured and are not based on a statistically relevant number of tests. Calumet does not represent that the typical values contained on this data sheet represent the values in the product supplied to the user. The information in this document relates only to the named product. The user is solely responsible for determining the suitability of the product for its use intended by user, including use in any process and the combination of the product with any other material.