



PETROLATUMS & WHITE OILS

NATURAL vs. MINERAL PRODUCTS

CONSIDERATIONS FOR FORMULATING

Throughout the past decade, there has been a push for “natural” products in the market as well as more stringent cosmetic regulations. This has resulted in a significant increase in scrutiny and misinformation around white mineral oil and petrolatum ingredients. Both products, when refined to certain standards, can be a safe and effective option in finished cosmetic/personal care and pharmaceutical formulations as well as with food.

Penreco® white oils and petrolatums go through very stringent purification processes. They meet the following purity specifications:

- FDA 172.880, FDA 172.878
- USP/NF monograph testing
- Limit of Polycyclic Aromatic Hydrocarbon (PAHs)
- Some EP, BP and JP testing

Benefits

- Anti-microbial
- Occlusive
- Allergen-free
- Non-toxic
- Cruelty-free
- Halal-certified
- Non-comedogenic
- Extremely stable
- Palm oil-free
- Non-GMO
- Vegan compliance
- Kosher-certified

When formulating with natural products, please know the term “natural” is not regulated nor is it fully defined in terms of cosmetics. Additionally, there is no USP monograph or FDA regulation for “natural” products.

Calumet manufactures key raw materials that are found everywhere around the world — from the tires on your car and the new paint in your living room to the lipstick you apply. We help make essential products people need to live and thrive in today’s world.



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To request a sample, visit penreco.com.

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