



SierraEster B0

OVERVIEW: SierraEster B0 (Butyl Oleate) is an ester synthesized from the reaction of oleic acid and butanol. This clear, light-colored liquid is primarily utilized as a plasticizer in natural and synthetic rubber polymers, enhancing low-temperature flexibility in materials such as polychloroprene and chlorosulfonated polyethylene. Additionally, butyl oleate serves as a lubricant in metalworking processes and as an emollient in cosmetic formulations, providing moisturizing properties.

CHEMICAL NAME: Butyl Oleate

FUNCTIONS: Plasticizer, lubricant, Emollient

SPECIFICATIONS:

Appearance:	Clear Yellow
%Free Fatty Acid:	Liquid 0 to 6.0
Odor:	No Butanol Smell
Gardner Color:	2.0 to 5.0
1% Solubility @25C:	Insoluble

MARKET APPLICATIONS:

- Personal Care – Emollient, haircare and skin care.
- Cosmetics – Plasticizer in nail care, Emollient in make up
- Metal Working – Lubricant
- Rubber – Plasticizer in tire making
- Inks – viscosity modifier in printing inks

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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