



SierraEster PT

OVERVIEW: SierraEster PT is a chemical compound formed by esterifying pentaerythritol with stearic acid, resulting in a molecule where three hydroxyl groups of pentaerythritol are esterified with stearic acid. This compound is primarily used as a high-efficiency lubricant and stabilizer in the processing of polyvinyl chloride (PVC), enhancing the material's flexibility and processability. Additionally, it serves as a softening agent in various formulations.

CHEMICAL NAME: Pentaerythritol tristearate

FUNCTIONS: Straight Ester

SPECIFICATIONS:

Appearance:	Off-White
% Free Fatty Acid:	Wax
Saponification	0.00-3.00
Value:	174.00-190.00

MARKET APPLICATIONS:

- Personal Care – emollient, thickener in Hair, skin care
- Plastics – lubricant and process aid for mold release and plastic production
- Polymers – Stabilizer and lubricant in processing of PVC

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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