

STEARATE

Meaning: Stearate is a salt or ester of stearic acid, commonly used as a lubricant or emulsifier in pharmaceuticals and cosmetics.

1. The pharmaceutical industry often uses magnesium stearate as a lubricant in tablet formulations.
2. Sodium stearate is commonly utilized in the production of soaps and cosmetic products.
3. In food manufacturing, calcium stearate serves as an anti-caking agent in powdered foods.
4. Stearate esters are essential in the development of biodegradable polymers for various applications.
5. Researchers are exploring the role of stearate in modulating cellular responses in metabolic processes.

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