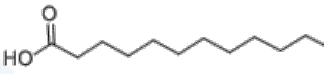


## General Information

Chemical Formula	$C_{12}H_{24}O_2$	
Synonym	Dodecanoic Acid; Vulvic acid; Laurostearic acid	
Origin	Indonesia	
H.S. Code	29159090	
CAS No.	143-07-7	
Molecular Weight	200.322 g mol <sup>-1</sup>	

## Application

Soap and Detergent Industry	It is used to produce solid and liquid soap as it has moisturizing property and is an excellent foaming agent.
Cosmetics Industry	It is used in skin care and beauty products as it possesses anti-microbial and anti-acne properties. It can form monolaurin that is used as a surfactant in cosmetics.
Other Applications	It can be used to produce biodiesel which is a renewable, alternative energy. Lauric Acid also has potential medical usage and is used as a lubricant in plastic manufacture.

## Specification

Property	Units	Value
Appearance		White Solid
Acid value (KOH)	mg/g	252~287
Iodine Value	g/100g	≤3.0
Ignition Residue	%	≤0.1
Saponification Point	°C	26~44
Unsaponifiable Matter	%	≤0.3
Water	%	≤0.2
Pb	mg/g	≤0.1

## Packaging

- 25kg/ drum or 1kg/aluminum foil bag