

# Isopropyl Palmitate (IPP)

**INCI Name: Isopropyl Palmitate**

**CAS Numbers: 142-91-6**



## Description:

An easily spreadable man-made moisturizer, isopropyl palmitate is a compound of isopropyl alcohol and palmitic acid. The palmitic portion of the formula contains a major fatty acid, composed of vitamin A and an antioxidant. This formulation easily penetrates the skin, and is designed to make it softer and more supple.

## Technical Data:

<u>ANALYSIS</u>	<u>SPECIFICATION</u>
Acid value, mg KOH/g	0.50 Max.
Iodine Value, cg 12/g	1.00 Max.
Sap Value, mg KOH/g	184 to 190
Residue on Ignition, % w/w	Less than 0.1
Refractive Index@25°C	1.4350 to 1.4380
Color, APHA	20.0 Max.
C16 ester, %w/w	90.0 Min.
Specific Grav. @25°C/25°C	0.8500 to 0.8550
Moisture, %w/w	.10 Max
Residual Solvents <467>	Conforms

## Applications:

IPP is used as an emollient, moisturizer and thickening agent. It is found in moisturizers, lipstick, facial treatments, eye shadow, hair conditioner and styling gel, concealer, anti-aging products, foundation, and lip gloss.



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