



PROTACHEM ISP ^[TM]

INCI Name: Isostearyl Palmitate

Protachem ISP is a non-comedogenic, saturated liquid emollient with an extraordinary skin feel and low freezing point. It is virtually colorless, odorless, and tasteless, which suggests its use in lip products. In stick formulations, **Protachem ISP** provides excellent pour and mold-release properties, while imparting remarkable spreadability.

It functions as a co-solubilizer for silicones and waxes in sunscreens, and may be considered to be an “oil-free” ingredient for cosmetics.

When incorporated into creams or lotions at levels as low as 3%, **Protachem ISP** imparts a light, silky emolliency, eliminating the greasy feel of mineral oil or other heavier esters.

Protachem ISP is derived from renewable, **non-animal** source raw materials which is a real plus in today’s rapidly evolving consumer marketplace.

SPECIFICATIONS

Protachem ISP is found in a liquid form and is readily oil miscible.

TEST PARAMETER

SPECIFICATION

Appearance @ 25 c:	Clear Liquid
Color (Gardner):	1 Maximum
Percent (%) Moisture:	0.5% Maximum
Acid Value:	3% Maximum
Saponification Value:	110-115
Iodine Value:	2.0 Maximum

SOLUBILITIES (5% @25c):

Water	Insoluble
95% Ethanol	Partly soluble
Cosmetic Oils	Soluble

PLANT DERIVED

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