

## Farmal™ CS 3757

### Corn Starch 037570

INCI Name: Zea Mays (Corn) Starch

Farmal™ Corn Starch 3757, provides a white, smooth, grit free texture. This product is recommended for topical applications

#### Chemical and Physical Properties

	Min	Max.
Moisture, %	9.0	14.0
pH	4.5	7.0
Total Protein, %	-	0.32
Ash, %	-	0.5
Oxidizing substances, ppm	-	180

#### Screen Test

	Typical
% thru 140 mesh U.S.S.	>99

#### Bulk Density

	Typical
Average, lbs./ft <sup>3</sup>	40
Loose, lbs./ft <sup>3</sup>	35
Packed, lbs./ft <sup>3</sup>	45

#### Sensory Data

Color	White
Odor	None
Texture	Fine powder

#### Microbiological Standards

	Typical
Standard Plate Count/g	< 500
Total Yeast & Mold/g	< 50
Coliforms/g	< 10
E. coli/30g	negative
Salmonella sp./100g	negative

#### Main Uses:

Personal Care: Conditioners, Hair Relaxer, Skin Creams and Lotions, After Shave Gel, Compact Makeup, Hair Mask, Bleaching Powder, Bath Salts, Body Powder.

#### Features and Benefits:

**Personal Care Products:** In general, it acts as a sensory modifier, viscosity agent, binder, skin protectant, and excipient in personal care formulas.

In hair emulsions, it is a viscosity enhancer and provides a soft texture to the product.

In soap bars, it impart hardness to the bar and makes stamping easier. It improves a velvet skin feel after rinsing.

#### Packaging and Storage

25 Kg Bag  
50 # Bags

Corn starch should be stored in a clean, dry area and protected from exposure to high humidity for a prolonged period of time. Periodic testing (about every three months), is recommended to affirm that quality is being maintained.

#### Regulatory Data

CAS no.	9005-25-8
Labeling	Corn Starch
INCI Name:	Zea Mays (Corn) Starch

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