

# Technical Data Sheet

## Sunderma NP

Ceramide NP (and) Glyceryl Citrate/Lactate/Linoleate/Oleate (and) Dibutyl adipate (and) Lecithin Hydrogenated (and) Dipropylene glycol (and) Sorbitan olivate (and) Cetearyl olivate (and) sodium dilaureamidoglutamide lysine

CAS# 100403-19-8 (and) 91744-23-9 (and) 105-99-7 (and) 92128-87-5 (and) 57-55-6 (and) 223706-40-9 (and) 223706-40-9 (and) 1086340-46-6

### Description

Sunderma NP is a highly concentrated product of Ceramide NP derived from Amorphous Gel Crystal. Ceramides increase water solubility to increase skin penetration and improve skin barrier.

Sunderma NP is used in skin moisturizers, hair conditioners, and skin gelling agents.

### Specifications

Item	Specification
Appearance	Yellow to deep yellow paste
Odour	Characteristic
Purity (Ceramide NP, %)	31.6 ~ 35.0
Loss on drying (%)	≤ 29
Pb (ppm)	≤ 20
As (ppm)	≤ 2
Total bacteria (CFU/g)	≤ 100
Yeast & mold (CFU/g)	≤ 10

### Applications

Sunderma NP is used in sun serum, anti-aging cream, sun cream, cream foundation, etc.

### Storage

Keep away from heat and sources of ignition. Wash hands thoroughly after handling.

Keep container tightly closed. Do not freeze.

Please maintain adequate temperature at a range of 15~35°C.

**Shelf Life** 1 year