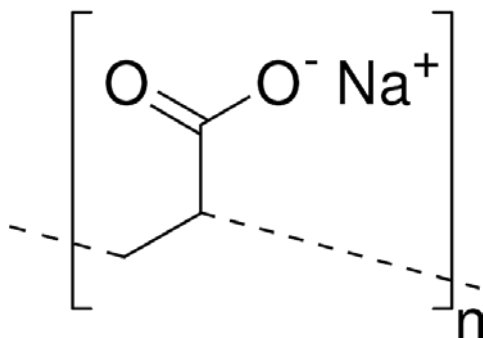


# Technical Data Sheet

## Sunpol SPA

Sodium Polyacrylate

CAS# 9003-04-7



### Description

Sunpol SPA is an odorless white powder. It is water soluble polymer which functioned as rheology modifier, thickener, moisturizer and also emollient. It also has film forming property. Due to the various functions, it is widely used in cosmetics.

### Specifications

| Item  | Specification |
|---|---------------|
| Appearance  | White Powder  |
| Free Alkali   | Qualified     |
| Sulfate (% , SO <sub>4</sub> )                            | ≤ 0.48        |
| Loss on Drying (%)  | ≤ 10          |
| Residue on Ignition (%)                                   | ≤ 76          |
| Heavy Metals (μg/g)                                       | ≤ 20          |
| Arsenic (μg/g, As <sub>2</sub> O <sub>3</sub> )           | ≤ 4           |
| Residual Monomer (%)                                      | ≤ 1           |
| Lower Polymer<br>(%, Lower than 1000°C of Polymerization) | ≤ 5           |

### Function

Emulsifier / Dispersant / Stabilizer

### Application

Used for various kinds of cosmetics like cream, lotion, conditioner, shampoo, etc.

### Storage

Keep the vessel well closed and store it at dry and well-ventilated place.

### Shelf Life

2 years