



**NOVOSORB OS<sup>®</sup>** an innovative Stabilizer

- Protecting the skin and hair against radical free-radical pollutants
- Protecting light-sensitive ingredients in cosmetics formulation
- A Strong Antioxidant



# NOVOSORB OS®

INCI Name: propanoic acid dimethoxyphenyl

## Introduction:

Novosorb OS is a highly effective and sustainable stabilizer when it comes to protecting light-sensitive ingredients in cosmetic formulation. This innovative composition also helps to protect the skin against radical-induced damages by pollutants. UltraViolet radiation is one of the oxidative stresses which may damage the skin and the formulation. It has the potential to degrade dyes, fragrances, active ingredients such as vitamins and UV filters. Also, as a pollutant, it harms the skin by causing free radical production.

### Technical Data Sheet ( TDS )

|                         |                               |
|-------------------------|-------------------------------|
| Appearance              | Yellow Liquid                 |
| Solubility in           | Alcohol , Oils                |
| Specific Gravity (25°C) | 1.00 – 1.05 g/cm <sup>3</sup> |
| Flash Point             | Min. 120.0 °C                 |
| Acid Value              | Max. 2.0                      |

## Active & mechanism:

With a Strong Anti-oxidant effect, Novosorb OS delivers a superior protection of the skin and the ingredients which are degradable by oxidative stressors.

### Typical formulation for perfume

|             |     |
|-------------|-----|
| Alcohol     | qs  |
| Novofix P   | 40  |
| Novosorb OS | 0.2 |
| Fragrance   | 20  |
| Water       | 5   |
| EDTA        | 0.1 |

## Benefits:

- highly effective stabilizer for light-sensitive formulations
- Enhancing the fragrance durability
- Anti-pollution

## How to use:

- Cold / hot process
- Can be added at any steps

**Dosage:** 0.1-1

## Applications:

- Perfumes
- Anhydrous products including fragrance or color



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