

# ZISLIZER-S

**UV absorbent**  
**Benzophenone derivatives**

ZISLIZER is a benzophenone type UV absorber. ZISLIZER effectively absorbs only the ultraviolet portion of the light, and is effective in preventing sunburn of human skin and fading and deterioration of dyes, fibers, paints, and plastics. ZISLIZER S is a water-soluble UV absorber that does not require neutralization to prevent deterioration of color, viscosity, and fragrance of products.

## Main applications

UV absorbers for quasi-drugs, cosmetics, etc.

ZISLIZER-S is registered as a quasi-drug raw material and can be used in a variety of cosmetics and quasi-drugs.

## Packaging

Net weight-----10kg

Outer shell-----Cardboard packaging

## Product Shape



## Product Form



## Product Information

Chemical name 2-Hydroxy-4-methoxybenzophenone-5-sodium sulfonate

CAS No. 6628-37-1

INCI name BENZOPHENONE-5

Existing chemical substances No. 5-6110

Product Specification Appearance ----- Light yellow white ~ light yellow powder

Purity ----- 90.0% or higher

Loss on drying --- 2.0% or less

pH ----- 5.0~6.0%

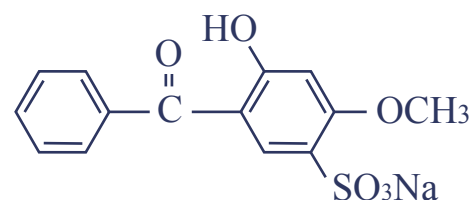
residual heat ----- 21.0~27.0%

Heavy metal ----- 20ppm or less

arsenic (As)----- 2ppm or less

【Special note】 Conforms to Quasi-drug Raw Material Standard 2006 "Sodium Hydroxymethoxybenzophenone Sulfonate"

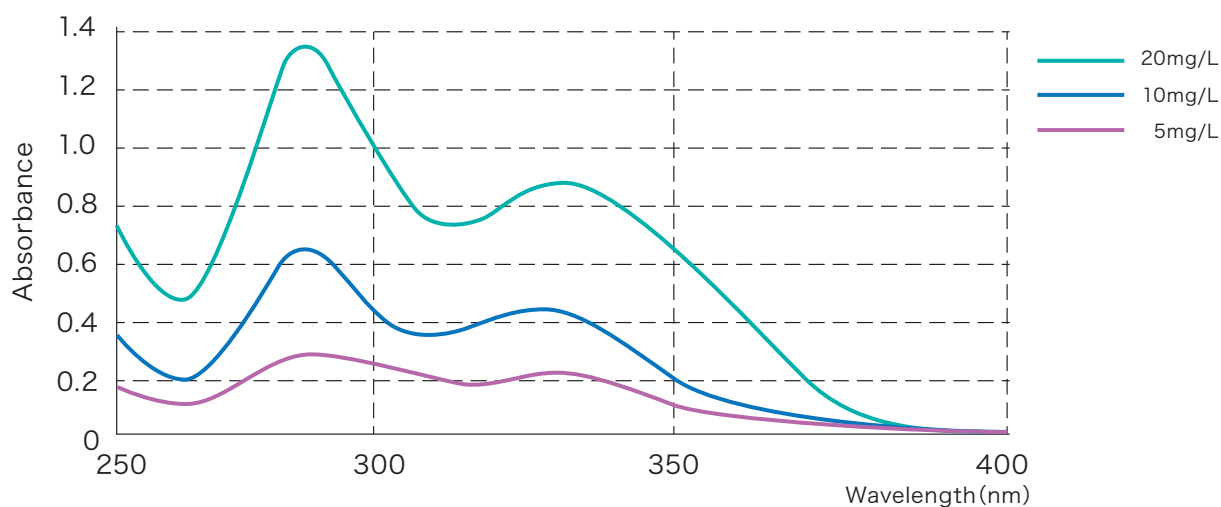
## Chemical formula



## Product characteristics

### Absorbance

ZISLIZER-S absorbs a wide range of ultraviolet rays (UVB to UVA).



UV absorbance of ZISLIZER-S (solvent: ethanol)

### Solubility

ZISLIZER-S is water soluble and can be used as is without neutralization.

| 溶 媒                 | 20°C | 5°C |
|---------------------|------|-----|
| Water               | 3.5  | 2.0 |
| 50vol% ethanol      | 2.0  | 1.0 |
| 80vol% ethanol      | 0.7  | 0.3 |
| 95vol% ethanol      | 0.1  | 0.1 |
| Anhydrous ethanol   | 0.0  | 0.0 |
| Propylene glycol    | 0.0  | 0.0 |
| 1,3-butylene glycol | 0.0  | 0.0 |
| Glycerin            | 0.0  | 0.0 |

Solubility of ZISLIZER-S in various solvents (g/100g solvent)