

## General characterisation

### Chemical description

2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid

## Labeling information

### INCI name(s)

Benzophenone-4

## Ingredient information

### Ingredient

Benzophenone-4

### CASR-No.

4065-45-6

### EINECS/ELINCS/EC/EU NLP-No.

223-772-2

### Officially listed in / Quality conforms to

USP

requirements for "Sulisobenzone"

## Product properties

### Appearance

Off-white to light yellow powder

### Example of use

UVINUL<sup>®</sup> MS 40 is used in a large number of cosmetic products to protect the skin or the hair and also to protect the formulation.

## Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

### Quality control data

(Data which is used for quality release and is certified for each batch.)

Appearance versus standard	conforms to the standard	
Colour (Gardner, 100 g/l in water)	<= 4,0	ASTM 1544
Identification	must comply	Internal Method PM0207
Specific absorption (E1 %/1 cm in water, 286 nm)	460 - 490	Internal Method PM0207
k-Value	46 - 49	E1%/1cm/10
Water (Karl Fischer)	<= 2,0 %	Internal Method PM 0079
Sulfuric acid	<= 0,5 %	Internal Method PM 0041
Content	97,0 - 103,0 %	Calculated on the anhydrous substance

## Storage and transportation

### Shelf life

36 months

### Storage temperature

no special storage conditions.

### Storage conditions

In original sealed containers and protected from moisture.

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