

## LOWILITE™ 22 UV absorber

### Ultraviolet Light Absorber

#### Description

**LOWILITE™ 22 UV absorber** is an ultraviolet light absorber belonging to the benzophenone class of UVAs.

#### Chemical Name

2-Hydroxy-4-octoxybenzophenone

#### CAS-Nr.

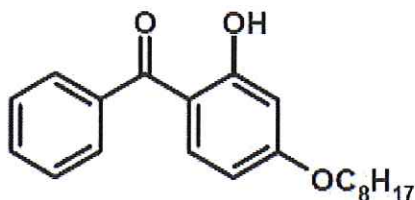
1843-05-6

#### EINECS-Nr.

217-421-2

#### Formula

#### LOWILITE™ 22 UV absorber



#### Typical physical properties of LOWILITE™ 22 UV absorber

Appearance	Pale yellow powder
Melting range [°C]	47 – 50
Molecular weight [g/mol]	326
Bulk density [kg/m <sup>3</sup> ]	~400
Flash point, °C	475

**Solubility (g/100g solvent) @ 25°C**

n-Hexane	44	Benzene	70
Ethyl Acetate	90	Water	<0.1
Acetone	87	Ethanol	2
Methanol	2.5	Methyl Ethyl Ketone	60
Diethylphthalate	20	n-Heptane	50
Toluene	>100	Chloroform	42
Water	<0.1		

**Thermogravimetric Analysis (10 mg @ 10°C/minute under N<sub>2</sub>)**

Weight Loss [%]	5	10	25
Temperature [°C]	220	233	255

**Application**

**LOWILITE™ 22 UV absorber** is effective in polyolefins, including low and high density polyethylene, polypropylene, olefin copolymers (EPR, EPDM, EVA), and other polymers including polyvinyl chloride, polyesters, natural and synthetic resins, polystyrene and ABS.

**Food Contact**

For details please contact SI Group Regulatory Affairs Polymer Additives.

**Handling and Storage**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless otherwise stated, the shelf life of the product is 2 years when it is properly stored.

**For additional handling and toxicological information consult the SI Group Material Safety Data Sheet.**