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

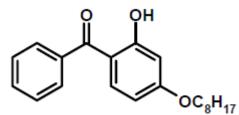
CAS-Nr,

1843-05-6

EINECS-Nr. 217-421-2

21/-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 ³] | ~400 |
| Flash point, °C | 475 |

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Page 1 of 2

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Mar 2019

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

Solubility (g/100g solvent) @ 25°C

Thermogravimetric Analysis (10 mg @ 10°C/minute under N₂)

| 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.

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Page 2 of 2

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