

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.

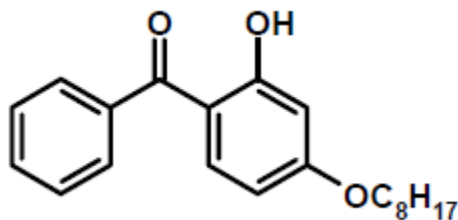
1843-05-6

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
Density [kg/m ³]	~400
Flash point, °C	475

The information contained herein relates to a specific Addivant[™] product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant[™] standard terms and conditions of sale under which the product is sold by Addivant[™]. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Addivant[™] and the Addivant[™] logo are trademarks of Addivant[™] Corporation or one of its subsidiaries.

Copyright © 2013 Addivant[™] Corporation. All rights reserved.

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 N₂)

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

Application

LOWLITE[®] 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

This compound has broad food contact approvals. For details please contact Addivant[™] 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 Addivant[™] Material Safety Data Sheet.

The information contained herein relates to a specific Addivant[™] product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant[™] standard terms and conditions of sale under which the product is sold by Addivant[™]. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Addivant[™] and the Addivant[™] logo are trademarks of Addivant[™] Corporation or one of its subsidiaries.

Copyright © 2013 Addivant[™] Corporation. All rights reserved.