

UV-Chek® AM-300

Stabilizer Product Profile

Product Description

2-Hydrozy-4-n-Octyloxybenzophenon. UV-Chek® AM-300 is an effective U.V. light absorber for a wide variety of polymers, and is an especially effective absorber in polyolefins. It is an effective cost stabilizer in polyolefin film for agricultural and greenhouse use. UV-Chek® AM-300 is a light stabilizer for flexible and semi-rigid PVC applications. It is also a stabilizer for various surface coatings.

FDA Status: Permitted under FDA Regulation Title 21 CFR, Section 178.2010 for use in olefin polymers to manufacture articles intended for food contact at a maximum concentration of 0.5%. The finished product can only be used in contact with foods of high water content.

Safety and Handling

Complete toxicity and handling information can be found on the Material Safety Data Sheet, which is available on request.

Typical Properties

Light yellow flake

11	<i>C</i> 3
Melting Point	47° C minimum
Specific Gravity (25°C)	1.16
Moisture	0.05% maximum
Odor	None
Formula	$C_{21}H_{26}O_3$
Molecular Weight	326
CAS Registry No.	1843-05-6

SOLUBILITY

Solvent	gm./100 ml. @ 25°C
Acetone	100
Toluene	101
Methanol	0.5
Hexane	58
Di-2-ethylmethyl phthalate	0.2
Water	Insoluble

VALTRIS SPECIALTY CHEMICALS

7500 E. Pleasant Valley Rd. Independence, Ohio 44131 Phone (216) 875-7200 Fax (216) 875-7201 10/10/2006; r 1/26/2016 The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of this information, the results to be obtained from the use of the product, so that such use will not infringe on any patent This information is furnished with the express condition that you will make your own tests to



Appearance