

## UV-Chek® AM-300

### Stabilizer Product Profile

#### Product Description

2-Hydroxy-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

Appearance	Light yellow flake
Melting Point	47° C minimum
Specific Gravity (25°C)	1.16
Moisture	0.05% maximum
Odor	None
Formula	C <sub>21</sub> H <sub>26</sub> O <sub>3</sub>
Molecular Weight	326
CAS Registry No.	1843-05-6

#### SOLUBILITY

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

