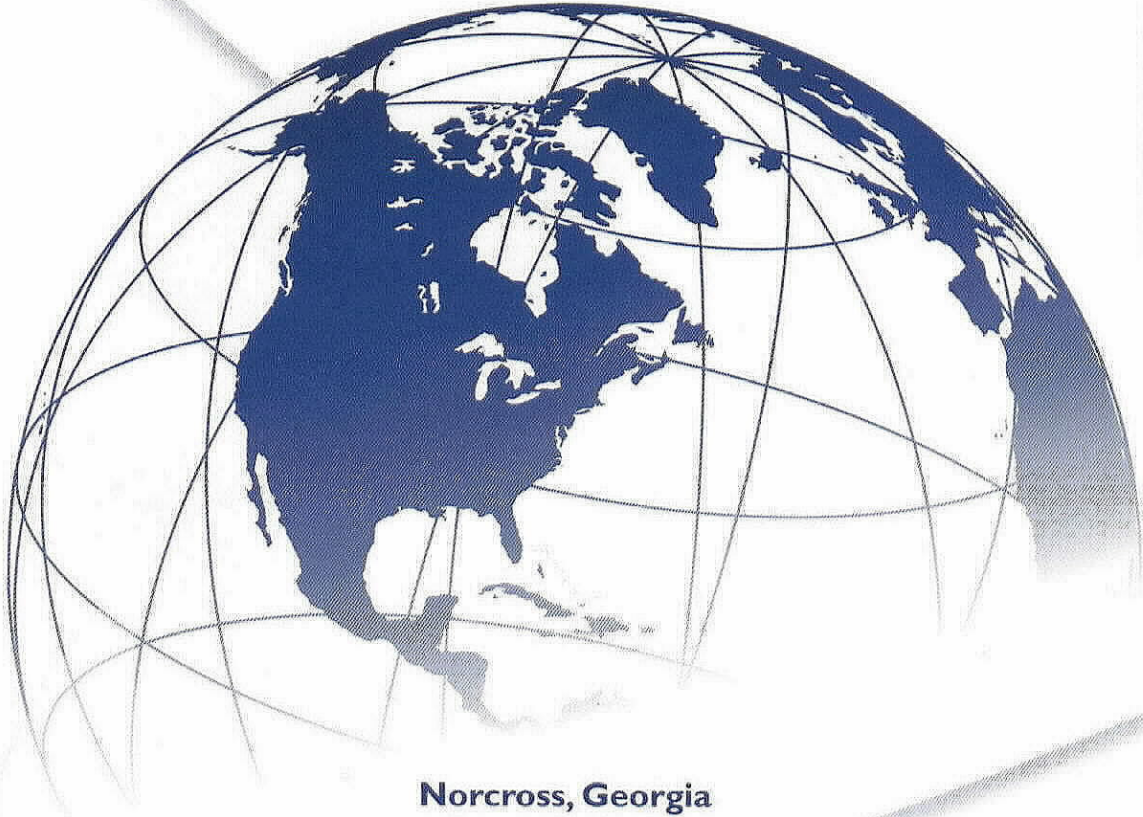


# MAYZO

**BLS 1320**  
**Ultraviolet Absorber for Plastics**



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## BLS 1320

### Ultraviolet Absorber for Plastics

**Introduction:** BLS 1320 is a benzophenone-type ultraviolet absorber suitable for use as a light stabilizer for acrylics, unsaturated polyesters, and other plastics.

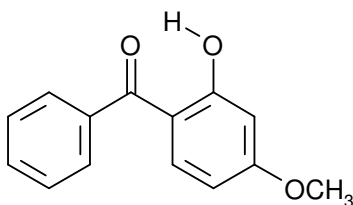
**Material Description:** UV absorber

**Chemical Name:** 2-Hydroxy-4-methoxybenzophenone

**CAS #:** 131-57-7

**Molecular Weight:** 228.2 g/mol

**Chemical Structure:**



**Physical Properties:** Appearance: Light yellow powder  
Melting Point: 62-65°C

**Applications:** BLS 1320 is a benzophenone-type ultraviolet absorber recommended for use in acrylics, unsaturated polyesters, and other plastics.

**Advantages:**

- Provides excellent light stability in acrylics and unsaturated polyesters
- Non-discoloring
- FDA-cleared for use in acrylic polymers for indirect food contact applications

**Guidelines for Use:** Recommended concentrations in polyolefins range from 0.05 to 1%. In unsaturated polyesters, BLS 1320 may be used in combination with benzotriazole UV absorbers such as BLS 1328 and/or with HALS such as BLS 1239R or BLS 292. Please consult your Mayzo representative for a recommendation for your specific application.

Please note that all technical recommendations and performance data are based on laboratory work (and field testing) under controlled conditions and do not necessarily indicate the result that the buyer or user will attain. For this reason, we strongly recommend testing in your own formulation under the actual conditions of processing and end-use prior to full-scale testing. Furthermore, the user of the product must make its own determination and satisfy itself that the use of the product (i) is in compliance with environmental, health and safety regulations and (ii) will not infringe any third party's intellectual property rights.

**Packaging:** 110 lb (50 kg) drum

**Storage:** This product may be stored up to five years in sealed containers. Containers should be stored in cool, dry areas. Extended storage at elevated temperatures or exposure to direct heat could reduce product shelf life. Keep containers sealed when not in use and during transport.

**Toxicity & Safety:**

This material is not intended for use in products for which prolonged contact with mucous membranes or abraded skin, or implantation within the human body is specially intended, unless the finished product has been tested in accordance with the Food and Drug Administration and/or other applicable safety testing requirements. Because of wide range of such potential uses, Mayzo, Inc. is not able to recommend this material as safe and effective for such uses and assumes no liability for any such uses. **Read and understand the Material Safety Data Sheet before handling or using this product.**

**FDA Regulations:**

BLS 1320 is FDA-cleared for use in certain acrylic plastics for food contact applications. Please contact your Mayzo representative for the latest information on the FDA status of this product.

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