
CYASORB THT™ 6460 light stabilizer

TYPICAL PROPERTIES

Description	Off white to pale yellow pastilles
Insolubles, %	0.25 max
Loss on Drying, wt. %	0.5 max

PERFORMANCE BENEFITS

- Superior UV stabilization in agricultural film applications
- Low color and volatility
- Extraction resistance
- Enhanced gas fade resistance
- Outstanding resistance to agricultural chemicals
- Superior LTHA properties
- Excellent persistence
- Sanctioned for use in polyolefins by FDA

APPLICATIONS

- Polyolefins: greenhouse film, mulch film, twine and other agricultural applications

HEALTH AND SAFETY

EFFECTS OF OVEREXPOSURE:

The estimated acute oral (rat) LD50, acute dermal (rabbit) LD50 and 4-hour inhalation (rat) LC50 values for this material are >600 mg/kg, >2,000 mg/kg and >2.5 mg/L, respectively. Direct contact with this material may cause moderate eye and mild skin irritation.

Before handling this material, read the corresponding Cytec Industries Inc. Material Safety Data Sheet (MSDS) for safety, health, and environmental data.

FDA STATUS

At levels up to 0.4% in polypropylene complying with Section 177.1520(c) items 1.1, 1.2, and 1.3, and at levels up to 0.25% in high density polyethylene homopolymers and copolymers complying with Section 177.1520(c) items 2.1, 2.2, 2.3, 3.1, and 3.2, and low density ethylene copolymers complying with Section 177.1520(c) items 3.1 and 3.2, in contact with all food types under conditions of use C-G; at levels up to 0.25% in low density polyethylene and other olefin polymers complying with Section 177.1520(c) items 2.1, 2.2, 2.3, 3.3, 3.4, 3.5, 3.6, 4, 5 and 6, in contact with all food types under conditions of use D-G; and at levels up to 0.4% in all polyolefins complying with Section 177.1520(c), in contact with aqueous, acidic, alcoholic, and dry foods (food types I, II, IVB, VI, VIIB, and VIII) under conditions of use D-G. Finished food contact articles containing the stabilizer shall have a minimum capacity of 5 gallons (18.9 liters).

Shipping Classification:

Chemical NOI

Shipping Container:

20 kg boxes

CYTEC INDUSTRIES INC.

POLYMER ADDITIVES

Technical Service Group

1937 West Main Street
Stamford, CT 06904-0060
800-486-5525

Customer Service

Willow Island, WV Tel: 888-CYTECPA*
 Fax: 800-545-1951*
 Tel: 304-665-3753
 Fax: 304-665-3625

* Operates in U.S. and Canada only

LATIN AMERICA

CYTEC de ARGENTINA, S.A.

Buenos Aires Tel: + 541-331-8123
 Fax: + 541-345-7947

CYTEC do BRASIL, LTDA

Sao Paulo Tel: + 55-11-5505-4588
 Fax: + 55-11-5505-4565

CYTEC de CHILE, LTDA

Santiago Tel: + 56-2-368-9255
 Fax: + 56-2-368-9205

CYQUIM de COLOMBIA, S.A.

Bogota Tel: + 57-1-260-3044
 Fax: + 57-1-260-0017

CYTEC de MEXICO S.A. de C.V.

Atequiza Tel: + 52-373-70020
 Fax: + 52-373-70206

QUIMICAS CYQUIM, C.A.

Caracas Tel: + 58-2-258-1310
 Fax: + 58-2-258-1155

EUROPE

CYTEC INDUSTRIES B.V.

Botlek-Rotterdam

General Tel: + 31-181-295400
 Fax: + 31-181-295401

Polymer Additives Tel: +31-181-295483
 Fax: +31-181-295531

ASIA/PACIFIC

CYTEC AUSTRALIA HLD. PTY. LTD.

Baulkham Hills, NSW Tel: + 61-2-9686-4188
 Fax: + 61-2-9639-4248

CYTEC INDUSTRIES PTE. LTD.

Singapore Tel: + 65-733-6788
 Fax: + 65-735-7783

CYTEC JAPAN LTD.

Tokyo Tel: + 81-3-3231-5880
 Fax: + 81-3-3231-5881

CYTEC KOREA INC.

Seoul Tel: + 82-2-3452-7331
 Fax: + 82-2-3452-1202

CYTEC TAIWAN INC.

Taipei Tel: + 886-2-2-705-3969
 Fax: + 886-2-2-705-3967

CYTEC HONG KONG LTD.

Shanghai Tel: + 86-21-62095258
 Fax: + 86-21-62095260

IMPORTANT NOTICE

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.** Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

TRADEMARK NOTICE

The ® indicates a Registered Trademark in the United States and the ™ or * indicates a Trademark in the United States. The mark may also be registered, the subject of an application for registration or a trademark in other countries.