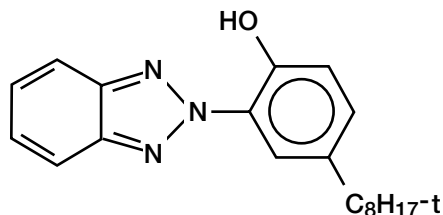


CYASORB® UV-5411 light absorber



TYPICAL PROPERTIES

Chemical Formula	C ₂₀ H ₂₅ N ₃ O
Molecular Weight	323
Specific Gravity (25°C)	1.18
Description	White to off white free-flowing powder
Melting Point, °C	103.0-105.3
Loss on Drying, %	0.1 max
Toluene Insolubles, %	0.04 max
Absorbance (@ 440 nm)	0.20 max

PERFORMANCE BENEFITS

- Minimal color contribution
- Strong absorption
- Excellent light stability
- Relatively low volatility

HEALTH AND SAFETY

EFFECTS OF OVEREXPOSURE:

The acute oral (rat) and acute dermal (rabbit) LD₅₀ values for this material are greater than 10,000 mg/kg and greater than 5,000 mg/kg, respectively. The 4-hour LC₅₀ (rat) value is estimated to be greater than 20 mg/L. No skin or eye irritation were produced during primary irritation studies with rabbits. No skin sensitization was produced during a repeated insult patch test on human subjects.

Direct contact with this material may cause minimal eye and skin irritation.

In case of skin contact, wash affected areas of skin with soap and water.

2-(2'-Hydroxy-5'-octylphenyl)-benzotriazole

CAS NUMBER 003147-75-9

In case of eye contact, immediately irrigate with plenty of water for 15 minutes.

Material is not expected to be harmful if inhaled. If inhaled, remove to fresh air.

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

FDA STATUS

CYASORB UV-5411 light stabilizer is sanctioned by the FDA as a stabilizer for polycarbonate resins (21 CFR 178.2010) complying with Section 177.1580, provided the levels of usage do not exceed 0.5% by weight of polymer and that the finished resins contact food only under conditions of use E, F, and G described under Table 2 of Section 176.170 (c).

Shipping Classification:

Chemical NOI

Shipping Container:

32-gallon fiber drum, 100 lb net
50 lb bag

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: 541-14-331-8123
 Fax: 541-14-345-7947

CYTEC do BRASIL LTDA

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

CYTEC CHILE S.A.

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

QUIMICOS 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: 331-181-295531

ASIA/PACIFIC

CYTEC AUSTRALIA 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

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