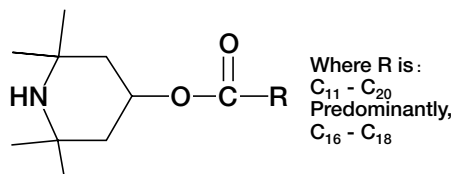


CYASORB® UV-3853S

light
stabilizer



TYPICAL PROPERTIES

Specific Gravity (25°C)	0.89
Bulk Density, lbs/ft ³	21-27

SPECIFICATIONS

Description	Free flowing off white granular powder
HALS Content, %	48-52
HALS Ash Content, wt. %	0.1 max
HALS Melting Point, °C	28 min
HALS Saponification Number (mg KOH/g)	128-137
HALS Transmission, %	
@ 425 nm	75 min
@ 450 nm	85 min
(10% Solution in Toluene)	

PERFORMANCE BENEFITS

- Minimal color contribution
- Low volatility
- Good compatibility with other HALS and UVAs
- Excellent surface stabilization

50% Hindered Amine Light Stabilizer (HALS) in a LDPE Resin

CAS NUMBER (HALS) 167078-06-0
CAS NUMBER (PE) 009002-88-4

HEALTH AND SAFETY

EFFECTS OF OVEREXPOSURE:

Acute oral (rat) and dermal (rat) LD₅₀ values are greater than 10 g/kg and greater than 5 g/kg, respectively. The 7-hour LC₅₀ (rat) value is greater than 5 mg/m³, which was the maximum attainable concentration. This material produced moderate skin irritation in guinea pigs and was a moderate skin sensitizer. This material was minimally irritating to rabbit eyes. This material was not mutagenic in the Ames Salmonella Assay, not active in the mouse micronucleus assay and not active in an in vivo chromosome aberration assay.

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

Shipping Classification:

Not regulated

Shipping Container:

20 kg box

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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