

CYASORB® UV-3529

light stabilizer

TYPICAL PROPERTIES

Description	Off-white pastille
Molecular Weight, average	1700 ±10%
Glass Transition Temperature (<i>T_g</i>), °C	88
T-10%, °C	350
(The temperature during TGA at which a 10% weight loss occurs at a heating rate of 10°C/min.)	
Loss on Drying, %	0.5 max
Toluene Insolubles, Wt., %	0.25 max

PERFORMANCE BENEFITS

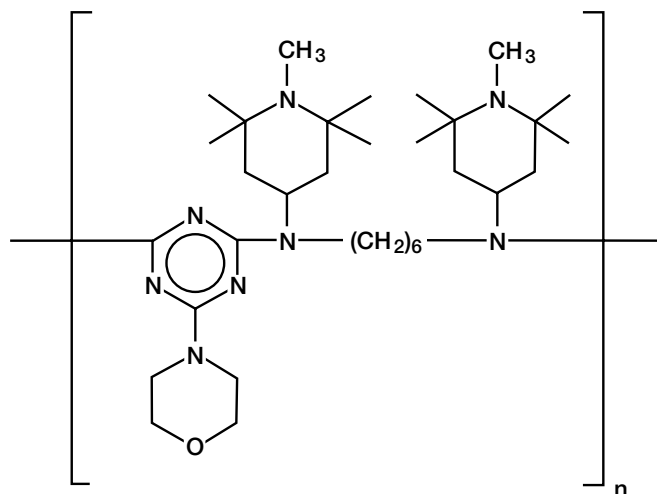
- Low volatility
- Selective reactivity
- Minimal color contribution
- Excellent compatibility with other HALS and UVAs

HEALTH AND SAFETY

EFFECTS OF OVEREXPOSURE:

Acute oral (rat) LD₅₀ value is greater than 500 mg/kg and less than 2000 mg/kg. The acute dermal (rat) LD₅₀ value is greater than 2000 mg/kg. The acute 4-hour inhalation (rat) LC₅₀ value for a similar material is 2.8 mg/L. Direct contact with this material caused moderate eye and no skin irritation when tested in rabbits. No skin sensitization was seen when tested in guinea pigs. This material was negative in the Ames mutagenicity assay with and without metabolic activation. In a chromosome aberration study, this material showed no evidence of clastogenic or polyploidy-inducing activity.

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



1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-, Polymers with morpholine-2,4,6-trichloro-1,3,5-triazine

CAS NUMBER 193098-40-7

FDA STATUS

The Food and Drug Administration (FDA) is amending 21 CFR 178.2010 (b) to provide for the use of 1,6-hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-, polymers with morpholine-2,4,6-trichloro-1,3,5-triazine reaction products, methylated [CAS Reg. No. 193098-40-7] for use only at levels not to exceed 0.3 percent by weight of olefin polymers complying with 21 CFR 177.1520. The finished polymers are to contact food in quantities of at least 18.9 liters (5 gallons) only under Conditions of Use C, D, E, F, and G, described in 21 CFR 176.170 (c), Table 2.

Shipping Classification:

Chemical NOI

Shipping Container:

32-gallon fiber drum, 125 lb net
25 kg box
1000 lb supersack

POLYMER ADDITIVES

Technical Service Group

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800-486-5525

Customer Service

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* Operates in U.S. and Canada only

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