**PROPERTIES**

**CYASORB® UV-3346 light stabilizer**

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight, Average</td>
<td>1600 ± 10%</td>
</tr>
<tr>
<td>Description</td>
<td>Off white pastille</td>
</tr>
<tr>
<td>Color (APHA)</td>
<td>100 max</td>
</tr>
<tr>
<td>Loss on Drying, %</td>
<td>0.5 max</td>
</tr>
<tr>
<td>Toluene Insolubles, %</td>
<td>0.25 max</td>
</tr>
</tbody>
</table>

**PERFORMANCE BENEFITS**

- Minimal color contribution
- Low volatility
- Excellent compatibility with other HALS and UVAs
- Good solubility/migration balance
- FDA sanctioned in polyolefins

**HEALTH AND SAFETY**

**EFFECTS OF OVEREXPOSURE:**

Acute oral (rat) and acute dermal (rabbit) LD$_{50}$ values are 2.1 g/kg and >2.0 g/kg, respectively. The acute inhalation 4-hour LC$_{50}$ is 2.8 mg/liter in rats. Severe eye injury was produced during primary irritation studies with rabbits. Eye washing for one minute starting thirty seconds after exposure greatly reduced the effects which were completely reversible. Inhalation exposure to the dust may produce eye, nose and throat irritation. Repeated or prolonged skin contact may produce eczematous dermatitis or other skin reactions such as cracking and scaling of skin.

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

**CAS NUMBER** 082451-48-7

**FDA STATUS**

CYASORB UV-3346 light stabilizer is sanctioned by Section 178.2010 of the Food Additives Regulations for use as a stabilizer in polypropylene and high density polyethylene at concentrations not exceeding 0.3 percent by weight of the polymer. The finished resins may contact food only under conditions of use D, E, F and G described under Table 2 of Section 176.170. Use in other olefin polymers at concentrations not exceeding 0.3 percent by weight of the polymer is limited to articles having a volume of at least 5 gallons.

**Shipping Classification:**

Chemical NOI

**Shipping Container:**

- 32-gallon fiber drum, 125 lb net
- 20 kg box
- 500 kg supersack
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 or as an assumption of a duty on our part. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information, products or vendors 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. The mark may also be registered, the subject of an application for registration or a trademark in other countries.