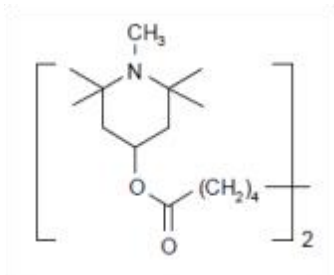




Product **RIASORB UV-292 Hindered amine light stabilizer (HALS)**

RIASORB UV-292 is a liquid light stabilizer that is widely used to improve the weather resistance of various polymers.

bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	CAS :41556-26-7	70-80%
mono(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	CAS :82919-37-7	20-30%



physical property

Formula weight	509/370
Appearance	Light yellow liquid
Density @20°C	0.970-1.010
Flash point	> 100°C

Solubility @20°C (g / 100g solvent)

water	<0.01	acetone	> 50
chloroform	> 50	cyclohexane	> 50
alcohol	> 50	ethyl acetate	> 50
n-hexane	> 50	dichloromethane	> 50
carbinol	> 50	methylbenzene	> 50

Quality Index

Appearance:	Light yellow clear liquid
Content: 41556-26-7	70.0-80.0%
Content: 82919-37-7	20.0-30.0%
Effective content:	≥96.0%
Ash content:	≤0.10%
Light transmittance:	
	@425nm ≥97.0%
	@500nm ≥99.0%

Safety & Protection

The light stabilization effect of RIASORB UV-292 is very obvious, and its liquid form is easy for processing and easy to bind to the other. It has the characteristics of low volatility and excellent thermal stability. According to the different requirements of matrix and application effect, the amount of RIASORB UV-292 is between 0.1% and 2.0%. For optimal results, adequate basic stabilization of the polymer (e.g., addition of antioxidant and processing stabilizer) is required to prevent thermal degradation. Sulfur-containing stabilizers (such as sulfur ether) sometimes have a negative effect on the effect of RIASORB UV-292. RIASORB UV-292 crystallizes at 0°C, but with a slight heating, the product will be easily liquefied without compromising quality.

This product does not need special safety equipment, refer to the storage method of general industrial products. Appropriate protective measures are recommended to avoid direct contact with the product to cause skin allergy. If you accidentally contact with this product, you should use a lot of running water to rinse clean. Store products in cool, dry and ventilated place; away from fire and heat source; away from strong oxidant and reducing agent. Unless specified otherwise, the products are reasonably stored for 36 months from the date of manufacture.