

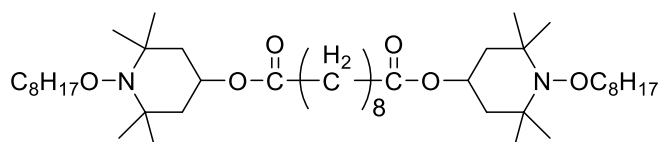
# Technical Data Sheet

## Light stabilizer 123 (HALS)

**Chemical Name:** Bis(1-octyloxy-2,2,6,6-tetramethyl-4-piperidinyl) sebacate

**CAS NO.:** 129757-67-1

**Structure:**



### Features

Light stabilizer 123 is a low alkalescency hindered amine light stabilizer, which can reduce the interaction with acidic coating components. It has excellent compatibility and solubility in polyolefin resin, which greatly reduces the release and frosting of resin. Excellent resistance to acids, flame retardants, sulfur and catalyst residues.

### Applications

The product is mainly used in automotive coatings, industrial coatings, decorative coatings and wood coatings. It is often used with UV1130, UV928 or UV400 to provide superior protection against gloss reduction, cracking, color change, blistering and delamination. It is suitable for PP, HDPE, PU, PS, ABS etc. It can also be used in adhesives, TPE, TPO, PVC, PVB and unsaturated polyester.

### Typical properties

<b>Appearance</b>	Light yellow liquid
<b>Purity</b>	Monomer $\geq 65\%$ Oligomeric $\leq 20\%$
<b>Light transmittance</b>	$\geq 95\%$ (425nm) $\geq 95\%$ (450nm) $\geq 98\%$ (500nm)
<b>Loss on drying</b>	$\leq 1.0\%$
<b>Ash</b>	$\leq 0.1\%$

### Package & Storage

**Package:** 180kg drum, or as customer`s requirement.

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

### Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

All safety information is provided in the Safety Data Sheet.