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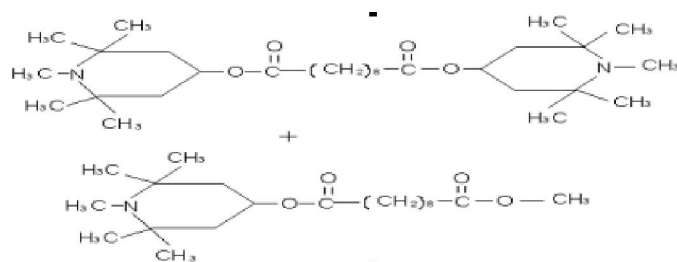
### HALS-292

HALS-292 is a liquid hindered amine light stabilizer specialized for coatings. It can significantly extend the life time of coating film by minimizing paint defects such as cracking and loss of gloss. HALS-292 is miscible to more than 50% with most common paint solvents. Water solubility is less than 0.01%.

#### [Chemical Nature]

The active substance is a mixture of *bis (1,2,2,6,6-pentamethyl-4-piperdimyl)-sebacate* (MW=509) and *1-(Methyl)-8-(1,2,2,6,6-pentamethyl-4-piperidiny)-sebacate* (MW=370)

#### [Structural formula]



[CAS] 41556-26-7 & 82919-37-7

#### [Specification]

ITEM	Specification
Appearance	slight yellow liquid
Transmittance, %	≥95(425nm) ≥98(500nm)
Volatile,%(m/m)	≤0.15
Purity ,%(m/m)	≥97.0
Ash,%(m/m)	≤0.10

#### [Applications]

- Automotive & Vehicle coatings
- Industrial Coatings & Wood Coatings
- Waterborne and Architecture Coating
- Radiation curable coatings (with no loss of curing speed)

Note: 1. The performance of HALS-292 can be significantly improved when used in combination with a UV absorber (such as TINUVIN 1130, 928) owing to synergistic effects.  
2. When Acid catalysts are used, the performance can be affected to some extent.