

# YISTAB<sup>®</sup> 292

## Technical Data Sheet

### Introduction

Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate

Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate

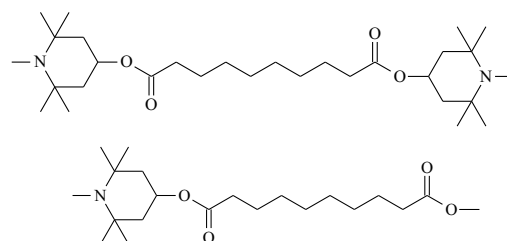
$C_{30}H_{56}N_2O_4$

$C_{22}H_{39}N_1O_4$

Molecular weight: 509&370

CAS NO.: 41556-26-7

82919-37-7



### Physical

Appearance:	Pale yellow transparent liquid
Melting point, °C	20
Boiling point, °C(26. 7Pa)	200
Refractive Index (25°C)	1.470-1.490
Specific gravity (25°C)	0.977-0.997

#### Solubility (g/100g solvent, 25°C)

Water < 0.01    Acetone > 50    Hexane > 50    Ethyl acetate > 50

#### TGA (°C, % mass loss)

Weight loss, %	5	10	50
Temperature, °C	257	279	323

### Applications

YISTAB<sup>®</sup> 292 is hindered amine liquid light stabilizer. The characteristics are low volatility and good compatibility. It can improve the life of polymer material effectively. It prevents surface cracking and protects the luster. It is suitable for polyurethane, thermoplastic acrylic, thermosetting acrylic, waterborne acrylic, radiation curing acrylic, alkyd (including self-drying type), polyester, polyurethane foam and other materials.

The weatherability of the products is increased significantly if YISTAB<sup>®</sup> 292 is combined to use with YISTAB<sup>®</sup> UV-1 or YISTAB<sup>®</sup> UV-1130.