

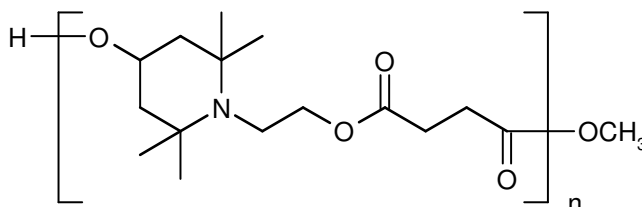
SABO® STAB UV 62

Hindered amine light stabilizer (HALS) for plastics

Plastic Additives

COMPOSITION

Chemical structure



Chemical name

Butanedioic acid, 1,4-dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol

CAS number

65447-77-0

TYPICAL PROPERTIES

Appearance	Colorless to light yellowish beads or white to light yellowish powder
Bulk density	300-500 kg/m ³ (beads) 300-500 kg/m ³ (powder)
Molecular weight	3100-4000 g/mol
Softening range	50-70°C
Particle size beads	2-3 mm
Particle size powder	< 1 mm

FEATURES

- Non-discoloring
- Low volatility and excellent resistance to migration
- Low basicity for reduced interactions with pigments and other stabilizers
- Extensive food contact clearances

APPLICATIONS

SABO® STAB UV 62 is a polymeric hindered amine light stabilizer (HALS) which is effective in a broad range of polymers and applications. The product is particularly useful in PE applications (injection molding, rotational molding, film, and tape), EVA, PP fibers, polyurethanes, polyacetals, elastomers, adhesives, and sealants. It is also an excellent light stabilizer for systems containing carbon black.

GUIDELINES FOR USE

Typical addition levels for SABO®STAB UV 62 range from 0.05-1.5%, depending upon the application. The exact level to be used in any particular application should be determined in an appropriate testing program.

The product shows a performance synergy with other light stabilizers, especially high molecular weight HALS (e.g. SABO®STAB UV 94, SABO®STAB UV 119), benzoates, and UV absorbers.

SOLUBILITY DATA (g/100 g solution, 20°C)

Acetone	4	<i>n</i> -Hexane	<0.01
Chloroform	>40	Methanol	0.05
Ethanol	0.08	Toluene	15
Ethyl acetate	3	Water	<0.01

PRODUCT FORMS

SABO®STAB UV 62	Free-flowing beads
SABO®STAB UV 62 POWDER	Powder

PACKAGING

25 kg PE bag (500 kg to pallet) or 600 kg BBO

Pallet type : CP3

HANDLING & STORAGE

Please consult the Safety Data Sheet prior to handling or using this product.

If properly stored in a dry place at temperatures below 25°C, SABO®STAB UV 62 remains within the specification limits for at least 5 years.

REGISTRATIONS

SABO®STAB UV 62 is listed on the following national chemical inventories:

AICS (Australia)	IECSC (China)
DSL (Canada)	NZIoC (New Zealand)
ECL (Korea)	PICCS (Philippines)
ENCS (Japan)	TSCA (USA)

Note that this product is a polymer and therefore exempt from REACH registration.

This product has been cleared in the EU, USA, and other countries for use in plastic materials and articles intended to come in contact with food. Please contact your Sabo representative for further information.

Additional information on SABO®STAB UV 62 is available on request from your Sabo representative, including compliance with norms and regulations in the EU, USA, and other countries.

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