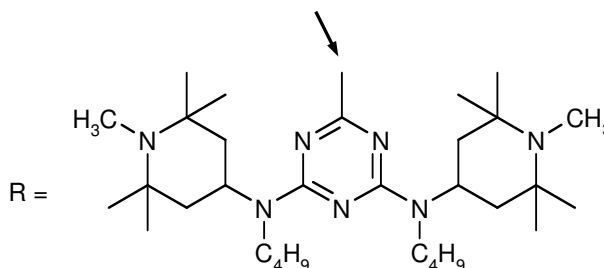
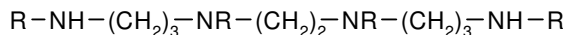


# SABO<sup>®</sup> STAB UV 119

Hindered amine light stabilizer (HALS) for plastics and coatings

## COMPOSITION

Chemical structure  
(main component)



Chemical name  
(main component)

1,3,5-Triazine-2,4,6-triamine, N2,N2''-1,2-ethanediyldis[N2-[3-[[4,6-bis[butyl(1,2,2,6,6-pentamethyl-4-piperidiny]amino]-1,3,5-triazin-2-yl]amino]propyl]-N',N''-dibutyl-N',N''-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)-

CAS number

106990-43-6

## TYPICAL PROPERTIES

Appearance	Slightly yellow pastilles
Bulk density	500-600 kg/m <sup>3</sup>
Softening range	115-150°C
Average particle size	1 mm

## FEATURES

- Tertiary HALS having reduced interaction with agricultural chemicals, fillers, pigments, and other additives as compared to conventional HALS
- Provides outstanding thermal oxidative stability as well as light stability in polyolefins, especially in talc-filled PP and TPO
- Non-discoloring, low volatility and excellent resistance to migration

## APPLICATIONS

SABO<sup>®</sup> STAB UV 119 is a high molecular weight hindered amine light stabilizer (HALS) which is effective in a broad range of polymers and applications, including polyolefins (PE, PP), TPO, styrenic polymers (ABS, ASA), polyamide fibers, polyurethanes, and elastomers.

The advantages of the product render it particularly useful in PE-based agricultural films, PP fibers, and talc-filled PP and TPO automotive parts. It is also useful in powder coatings where it contributes to the triboelectric effect as well as providing light stability.

## GUIDELINES FOR USE

Typical addition levels for SABO®STAB UV 119 range from 0.05-1%, 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, including low molecular weight HALS (e.g. SABO®STAB UV 70, SABO®STAB UV 91), high molecular weight HALS (especially SABO®STAB UV 62), benzoates, and UV absorbers.

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

Acetone	2	<i>n</i> -Hexane	1
Chloroform	20	Methanol	1
Ethanol	5	Toluene	25
Ethyl acetate	1	Water	<0.01

## PACKAGING

20 kg PE bag (600 kg to pallet), cardboard boxes containing 2 x 20 kg (480 kg to pallet), or 600 kg Super Sack; 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 119 remains within the specification limits for at least 5 years.

## REGISTRATIONS

SABO®STAB UV 119 is listed on the following national chemical inventories:

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

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 119 is available on request from your Sabo representative, including compliance with norms and regulations in the EU, USA, and other countries.

The following supersedes Buyer's Documents. Sabo makes no representation or warranty, express or implied, including of merchantability or fitness for a particular purpose. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Sabo be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Sabo's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.