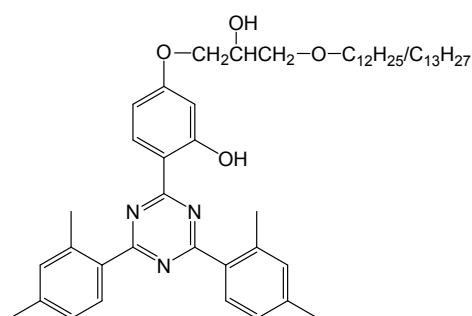


- **SONGSORB® CS 400**
- **SONGSORB® CS 400 MPA**

Components

The active substance is Mixture of 2-[4-[(2-Hydroxy-3-dodecyloxypropyl)oxy]-2-hydroxyphenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine and 2-[4-[(2-Hydroxy-3-tridecyloxypropyl)oxy]-2-hydroxy phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine in a specific diluent



CAS No: 153519-44-9 Mw: 646 (average)

The active substance is commercialized as an 85% solution either in:

- **SONGSORB® CS 400:** 1-Methoxy-2-propanol (CAS No. 107-98-2).
- **SONGSORB® CS 400 MPA:** 1-Methoxy-2-propylacetate (CAS No.108-65-6).

Properties

Clarity	Clear
Color of solution: 460nm (%)	Min. 94.0
Color of solution: 500nm (%)	Min. 97.0
Assay (%)	Min. 83.0

Photo



Technical Information

Characteristics & Usages

SONGSORB® CS 400 / SONGSORB® CS 400 MPA is a liquid UV absorber triazine in a 15% dilution solvent for high performance coating, adhesive and sealant applications. Its major features and applications are:

- It is a liquid triazine UV absorber with excellent performance in coatings derived from its high thermal and photo stability and hydroxy functionality (minimal migration).
- It is the appropriate UVA to meet the high performance and durability requirements of waterborne, solvent and 100% solids automotive and industrial finishes.
- Thanks to its excellent stability it is the choice for all coatings for use in combination with photo initiators to provide highly durable UV clear coats.
- It is designed to be an interaction-free UV absorber in amine and/or metal catalyzed coating systems and coatings applied on basecoats with such catalysts.
- It shows synergies and enhanced performances when used in combination with HALS such as SONGSORB® CS 123, SONGSORB® CS 5100 or SONGSORB® CS 292. Durability of clear coats is improved.
- For easy incorporation into water borne systems please use its water base emulsion form, SONGSORB® CS 400 WB specifically developed for aqueous systems. Synergistic effects in case of SONGSORB® CS 400 WB can be then achieved with SONGSORB® CSAQ01. Please refer to the TDS and the documentation of SONGSORB® CS 400 WB for further information.

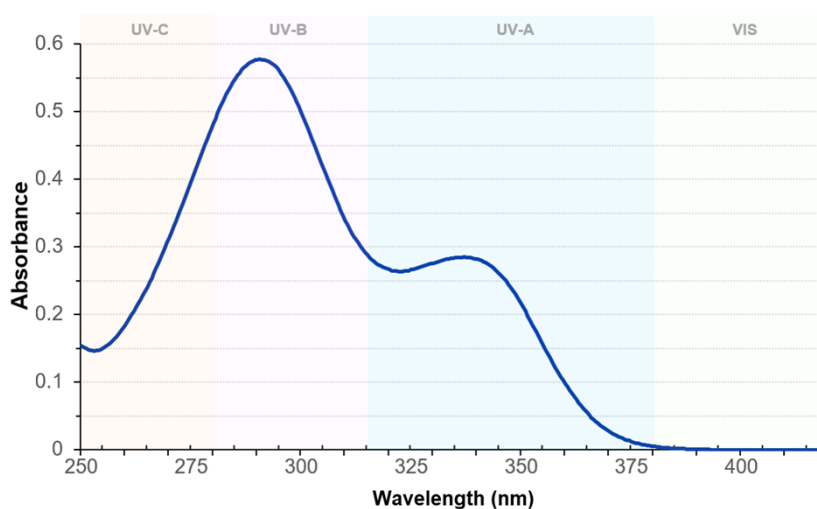
Solubility

(g/100g at 25°C)

N-butanol	> 50	Solvesso 150	> 50
N-Butyl acetate	> 50	Distilled water	< 0.05
MIBK	> 50	Xylene	> 50
Butyl cellosolve	> 50	Toluene	> 50
Solvesso 100	> 50	N-Hexane	> 50

Absorption Spectrum

(10 mg/l, Chloroform)



Recommended dosage

1.0 - 3.0% of SONGSORB® CS 400 / SONGSORB® CS 400 MPA
0.5 - 2.0% of HALS

Physical Form

LQ (Liquid)

Packaging unit

20kg Plastic Drum and 200kg Steel Drum

Safety

Store product in properly sealed original packaging in a dry, cool place and away from direct sunlight. Maintain standard industrial hygiene practices and consult our Safety Data Sheet (SDS) before use

Technical Information

SONGWON provides customers with warranties and representations as to the chemical or technical specifications, compositions and/or the suitability for use for any particular purpose exclusively in individual written agreements. The facts and figures contained herein have been carefully compiled to the best of SONGWON's knowledge but are essentially intended for informational purposes only. SONGWON Industrial Group does not accept any liability whatsoever for any information, reference or advice provided in this document or any similar SONGWON publication.