



SONGSORB® CS WB
& SONGNOX® CS WB

Water-miscible light stabilizers
and antioxidants for high-
performance, low-VOC,
waterborne coating
applications

SONGWON is a leading manufacturer of stabilizers for coatings designed to combine high performance with environmental acceptability.

We support our customers in the formulation of sustainable coatings. With their excellent physical and technical properties, SONGSORB® CS WB and SONGNOX® CS WB stabilizers are widely used by manufacturers to produce high-quality, durable coatings.

It's all about **the chemistry™**

 **SONGWON**

SONGWON has established a range of high-performance, water-miscible antioxidants and light stabilizers for coating applications.

Demanding requirements met



- High durability
- Low VOC generation
- Environmentally sound formulations
- Easy dosing and handling
- No incorporating agents needed

Technical expertise



- Coating laboratory in South Korea
- Dedicated local support centers
- World class production facility in Asia

Proven reliability



- More than 50 years' manufacturing experience
- Backward integration of key raw materials
- Global sales organization and distribution network

Strong commitment



- Continuous innovation to meet new industry standards and product requirements
- Expert services worldwide

Wide range of products for every market need

To meet the requirements of our customers' and the market, our teams work constantly to expand and optimize SONGWON's product offering, focusing consistently on environmental compatibility and sustainability. We aim to deliver cutting-edge products, unique expertise, outstanding value, reliable service and innovation all over the world.

SONGWON's specialty chemicals knowhow pool facilitates and accelerates customers' business and industry growth. The new Technology Innovation Center in Ulsan, South Korea, and the Technical Service Coating Laboratory provide customers with testing services, recommendations and assistance in initiating new development projects.

The demand for durability as well as for water-miscible products resulted in the development of new light stabilizers and antioxidants such as SONGSORB® CS 400 WB, SONGSORB® CS AQ01 and SONGNOX® CS 2450 WB. They combine the efficiency of most conventional products with the benefits not only of water miscibility and low-to-zero VOC generation, but also of easy dosing and handling.

SONGWON's water-miscible antioxidant and light-stabilizer range

	Chemical composition	Active ingredient(s)	Appearance	pH (10x diluted)
SONGNOX® CS 2450 WB	40% stabilized dispersion	Triethylene glycol-bis-3-(3-tert-butyl-4-hydroxy-5-methylphenyl) propionate	White to off-white liquid	5.5-7.5
SONGSORB® CS 326 WB	50% stabilized dispersion	2-(2'-hydroxy-3'-t-butyl-5'-methylphenyl)-5-chlorobenzotriazole	White liquid	approx. 7
SONGSORB® CS 400 WB	55% stabilized emulsion	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-hydroxyphenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine	Slightly yellow liquid	approx. 9
SONGSORB® CS AQ01	Tetramethyl-4-piperidinol derivative	Proprietary information	Clear, slightly yellow, viscous liquid	-

Storage conditions



The materials should be stored indoors, in closed containers, in a dry, cool place at temperatures between 5 and 35 °C and protected from frost.

Shelf life



The products are stable for 6 months*, provided they are stored under the conditions described above. SONGSORB® CS AQ01, which consists of 100% active ingredient, is stable for 60 months.

*3 months for SONGNOX® CS 2450 WB



For further information, please go to:

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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.

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