



Water-miscible sustainable
solutions for high-performance
coating applications

SONGWON is a leading manufacturer of stabilizers for coatings that combine environmental sustainability with high performance.

SONGSORB® CS WB and SONGNOX® CS WB stabilizers enable manufacturers to produce high-quality, durable and more sustainable coatings thanks to their excellent physical and technical properties.

Coating customers benefit from SONGWON's established expertise in the formulation of sustainable, high-performance, water-miscible antioxidants and light stabilizers.

Environmentally sustainable



- Eco-friendly low VOC
- Highly durable
- No incorporating agents
- Water miscibility
- Exact dosage & easy handling

SONGWON offers:



- World class production facility & more than 50 years' manufacturing experience
- Dedicated coatings lab & continuous innovation
- Backward integration of key raw materials
- Global sales organization & distribution network
- Expert services & local support centers worldwide

Wide range for every coatings need

To meet the environmental acceptability and sustainability requirements of both our customers' and the market, SONGWON's teams are constantly working to expand and optimize the organization's wide range of solutions. Aiming to deliver innovative, cutting-edge products of outstanding value with its specialty chemicals know-how pool, unique expertise and reliable service all over the world, SONGWON facilitates and accelerates customers' business and industry growth.

SONGWON's Technology Innovation Center and dedicated Technical Service Coating Lab in Ulsan, South Korea provides customers with testing services, recommendations and assistance in initiating new development projects. Responding to the demand for durability and water-miscible products, SONGWON developed new light stabilizers and antioxidants such as SONGSORB® CS 400 WB, SONGSORB® CS AQ01 and SONGNOX® CS 2450 WB that combine the efficiency of most conventional products with the benefits of water miscibility and low-to-zero VOC generation as well as easy dosing and handling.

SONGWON's environmentally sustainable range for coatings

	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	-
SONGSORB® CS 4089 WB	25% stabilized blend emulsion	Liquid, viscous blend of a triazine based UV absorber (UVA) with a hindered amine light stabilizer (HALS)	Viscous, whitish to slightly yellow liquid	10.0-12.5
SONGSORB® CS 5248 WB	50% stabilized emulsion	Aqueous emulsion blend of a triazine based UV absorber (UVA) with a hindered amine light stabilizer (HALS)	Viscous, whitish to slightly yellow liquid	8.0-11.0

Storage conditions



All products should be stored in closed containers, in a dry, cool frost-free place at temperatures of 5°C – 35°C.

Shelf life



Provided they are stored as indicated, all SONGWON WB products will remain stable for 6 months, with the exception of SONGSORB® CS AQ01 (consisting of 100% active ingredient), which remains stable for 60 months.



Check out our
official website



Check out our
WeChat account

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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.

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.

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Version 3, February 2020

