

# S-8 Corrosion Inhibitor for Food Can Protection

## DESCRIPTION

S-8 is a unique product formulated only from FDA listed ingredients. It can be used at low concentrations and still provide excellent corrosion protection above and below the water level and at the air/water interface. This product is especially useful for the corrosion protection of packed metallic food cans during washing or sterilization.

S-8 contains a non-toxic “green” filming corrosion inhibitor that outperforms other “green” inhibitors due to its stability and ability to form a thin protective layer that will not cause sticky deposits. It also contains a Vapor phase Corrosion Inhibitor and is compatible with the majority of water chemistries. S-8 is registered with the NSF Nonfood Compounds Registration Program as an AX category compound acceptable for use in cleaning products used in and around food processing areas where direct food contact is not intended (Reg. #148017).

UFI: E4A0-K032-F004-Q4MU

## PACKAGING & STORAGE

S-8 is available in 5 gallon (19 L) plastic pails, 55 gallon (208 L) metal drums, liquid totes, and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

## VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES



## FEATURES

- S-8 contains 71% USDA certified biobased content and is a qualified product under the mandatory federal purchasing initiative of the USDA BioPreferred® Program.\*
- Economical
- Compatible with most products used in water treatment
- Efficient against corrosion in the presence of disinfectant
- Does not hydrolyze during the application

## TYPICAL PROPERTIES

Appearance	Slightly hazy yellowish liquid
pH	10.5-11.5 (1% in water)
Non-Volatile Content	25-35%
Density	8.3-8.6 lb/gal (99-1.03 kg/L)

## TYPICAL APPLICATION

Corrosion protection of food cans during washing and sterilization.

## DOSAGE

S-8 should be added continuously at a concentration level of 150-250 ppm.

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## TOXICITY INFORMATION

Daphnia Magna	48 hr LC <sub>50</sub>	140.2 mg/L
	48 hr NOEC	100 mg/L
	48 hr LOEC	150 mg/L
Fathead Minnow	96 hr LC <sub>50</sub>	298.9 mg/L
	96 hr NOEC	200 mg/L
	96 hr LOEC	300 mg/L
	96 hr LC <sub>1</sub> (Probit Method)	171.3 mg/L
Rainbow Trout	96 hr LC <sub>50</sub>	296.6 mg/L
	96 hr NOEC	200 mg/L
	96 hr LOEC	300 mg/L
	96 hr LC <sub>1</sub> (Probit Method)	185.5 mg/L

## CONSIDERATIONS

S-8 additive contains only ingredients listed under the following regulations:

FDA# 21 CFR - 175.105

FDA# 21 CFR - 173.310

FDA# 21 CFR - 176.210



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4119 White Bear Parkway, St. Paul, MN 55110 USA  
Phone (651) 429-1100, Fax (651) 429-1122  
Toll Free (800) 4-CORTEC  
productinfo@cortecvci.com  
http://www.cortecvci.com  
http://www.cortecoatings.com

Distributed by



**Valdamark Limited**  
Unit 13,  
30 The Downs  
Altrincham, Cheshire, WP14 2PX,  
United Kingdom.  
valdamark@live.com  
Tel: +44 (0) 161 706 0388

