



VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES

# S-8, Corrosion Inhibitor for Food Can Protection



## PRODUCT DESCRIPTION

S-8 is a unique product formulated only from FDA approved ingredients. It can be used in very low concentration and still provide complete corrosion protection in water, its vapors and their interface. This product is especially useful for the corrosion protection of metallic cans with different food items during their washing or sterilization of the packed food.

S-8 is a non-toxic "green" filming corrosion inhibitor. Sodium salt of fatty amino acids and amino alcohol are the active ingredients of S-8.

S-8 provides excellent corrosion inhibition. Benchtop laboratory tests show outstanding film persistency and stability in a wide temperature range.

S-8 is compatible with the majority of water chemistries. S-8 outperforms other "green" inhibitors due to its stability and ability to form a thin protective layer that will not cause sticky deposits.

## FEATURES

- 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	8.5-8.6 lb/gal (1.024-1.025 kg/l)

## TYPICAL APPLICATION AND DOSAGE

- Corrosion protection of food cans during washing and sterilization

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

## TOXICITY INFORMATION

Cortec S-8, additive contains only FDA approved ingredients and has the following approvals:

- FDA# 21 CFR - 175.105
- FDA# 21 CFR - 178.3130
- FDA# 21 CFR - 177.1200
- FDA# 21 CFR - 173.310
- FDA# 21 CFR - 176.210

Daphnia Magna: 48 hr LC<sub>50</sub>: 140.2 mg/L  
 48 hr NOEC: 100mg/L  
 48 hr LOEC: 150 mg/L

Fathead Minnow: 96 hr LC<sub>50</sub>: 298.9 mg/L  
 96 hr NOEC: 200mg/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: 200mg/L  
 96 hr LOEC: 300 mg/L  
 96 hr LC<sub>1</sub>(Probit Method):  
 185.5 mg/L



## PACKAGING AND STORAGE

S-8 is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes, and bulk. The shelf life is up to 24 months.

### FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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