

VITA-D-CHLOR™

TECHNICAL DATA SHEET

VITA-D-CHLOR NEUTRAL

Integra product code:	V333.50
Active ingredient:	Sodium Ascorbate (Vitamin C salt)
Purity:	NSF/ANSI 60 Certified for drinking water Meets pharmaceutical industry standards for purity
Appearance:	White granular with a citrus odor
Storage life:	Up to 3 years (<i>keep dry and in sealed containers</i>)
Stability in solution:	Three weeks for solutions >5% One week or less for solutions <1%
Sizes and packaging:	2.5 kg (5.5 lbs): screw cap poly bottle 12 kg (26.5 lb): poly bag in a poly pail with resealable lid 25 kg (55 lb): poly bag in a poly pail with resealable lid
Solubility:	Approximately 40% in the field with cold water and limited mixing (3 lb/gal) Approximately 60% in 20°C (68°F) water with mixer (5 lb/gal)
Activity:	1 gram neutralizes 1 ppm chlorine in 100 gallons (380 L) 1 lb (450 g) neutralizes 1 ppm chlorine in 45,000 gallons (170,000 L) 22 lb (10 kg) neutralizes 1 ppm chlorine in 1 million gallons (3.8 million L) 3.25 lb (1.5 kg) will neutralize the chlorine in 1 gal of Sodium Hypochlorite, 12.5% 1.65 lb (750 g) will neutralize the chlorine in 1 lb (450 g) of Calcium Hypochlorite, 65%
pH of a 1% solution:	7.5
Effect on pH:	No change in pH of potable water will occur when properly dosed to treat chlorine levels of less than 5 ppm
DOT Regulations:	Non-hazardous

The above information is provided for the convenience of the customer. Many factors can affect product performance and calculations should be treated as rough guidelines. It is the responsibility of the customer to monitor the dechlorination reaction and test treated water for residual chlorine levels to verify complete dechlorination. While believed to be correct, the information provided herein is not to be construed as a warranty, either expressed or implied.

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