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SODIUM HYPOCHLORITE

AQUA GUARD SODIUM HYPOCHLORITE 12.5%

TECHNICAL SALES SPECIFICATION FOR 12.5% WT AVAILABLE CHLORINE (15.0% BY VOLUME AVAILABLE CHLORINE) SODIUM HYPOCHLORITE SOLUTION

CONCENTRATION (LABELED)	12.5% minimum <u>by weight</u> (15.0% Vol) as stated by the U.S. EPA Pesticide Registration
CONCENTRATION (DELIVERED)	13.0% (15.4% Vol) preferred, 12.5% (15.0% Vol) to 13.2% (15.6% Vol) acceptable as measured by a sodium thiosulfate titration with starch indicator resulting in an available chlorine reading <u>by weight</u> .
CONCENTRATION (MINIMUM)	11.0% <u>By weight</u> (13.0% Vol) available chlorine within 30 days of delivery if stored properly.
GUARANTEED STRENGTH	The manufacturer shall guarantee their chlorine strength to be above 11.0% <u>by weight</u> (13.0% Vol) for thirty full days, if the product is stored properly, or it will be replaced immediately at no charge to the customer.
FILTRATION	Submicron filtration
MANUFACTURING TEMPERATURE	Temperature during manufacturing not to exceed 100°F(38°C).
EXCESS CAUSTIC	Desired range 0.40% WT - 0.70% WT. Excess alkalinity levels below 0.40%, causes a severe stability problem with bleach, especially during the hot summer months.
IRON (Fe)	Typically .30 ppm or less as a result of filtration
NICKEL (Ni)	.02 ppm or less
COPPER	.02 ppm or less
BROMATES	Complies with US Environmental Protection Agency and National Sanitation Foundation (NSF) requirements.
<u>APPROVALS</u>	Certified to NSF/ANSI Standard 60. Maximum use in potable water is 84 mg/L. Sanitizing solution, used as prescribed by 21 CFR 178.1010. Guaranteed by Allied Universal Corporation to meet AWWA Standard B300 for Sodium Hypochlorite.

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