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## SODIUM HYPOCHLORITE

# AQUA GUARD SODIUM HYPOCHLORITE 10.5%

TECHNICAL SALES SPECIFICATION FOR 10.5% WT AVAILABLE CHLORINE (12.3% BY VOLUME AVAILABLE CHLORINE) SODIUM HYPOCHLORITE SOLUTION

|                                  |   |
|----------------------------------|---|
| <b>CONCENTRATION (LABELED)</b>   | 10.5% minimum <u>by weight</u> (12.3% Vol) as stated by the U.S. EPA End Use Pesticide Registration   |
| <b>CONCENTRATION (DELIVERED)</b> | 11.0% (12.9% Vol) preferred, 10.5% (12.3% Vol) to 11.2% (13.2% Vol) acceptable as measured by a sodium thiosulfate titration with starch indicator resulting in an available chlorine reading <u>by weight</u> .                        |
| <b>CONCENTRATION (MINIMUM)</b>   | 9.50% <u>By weight</u> (11.1% Vol) available chlorine within 30 days of delivery if stored properly.  |
| <b>GUARANTEED STRENGTH</b>       | The manufacturer shall guarantee their chlorine strength to be above 9.50% <u>by weight</u> (11.1% Vol) for thirty full days, if the product has been properly stored, or it will be replaced immediately at no charge to the customer. |
| <b>FILTRATION</b>                | Submicron filtration  |
| <b>MANUFACTURING TEMPERATURE</b> | Temperature during manufacturing not to exceed 100°F (37°C).  |
| <b>EXCESS CAUSTIC</b>            | Desired range 0.2% WT - 0.4% WT. Excess alkalinity levels below 0.2%, causes a severe stability problem with bleach, especially during the hot summer months.   |
| <b>IRON (Fe)</b>                 | Typically .30 ppm or less as a result of filtration   |
| <b>NICKEL (Ni)</b>               | .02 ppm or less   |
| <b>COPPER</b>                    | .02 ppm or less   |
| <b>BROMATES</b>                  | Complies with US Environmental Protection Agency and National Sanitation Foundation (NSF) requirements.   |
| <b>NSF &amp; AWWA</b>            | Certified to NSF/ANSI Standard 60. Maximum use in potable water is 100 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. |