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## SODIUM HYPOCHLORITE

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

<b>CONCENTRATION (LABELED)</b>	10.5% minimum <u>by weight</u> (12.3% Vol)
<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

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