



## Manufacturers of filtered Sodium Hypochlorite

# Multi-Chlor<sup>®</sup>

HASA, Inc. manufactures a new quality of Sodium Hypochlorite for water treatment, industrial and agricultural use. With the installation of a sub micron filtration system, Hasa, Inc. is now manufacturing a higher quality sodium hypochlorite than has previously been available by manufacturers. This high quality product, Multi-Chlor<sup>®</sup>, will benefit many users of industrial strength sodium hypochlorite or bleach. This product is recognized for clarity and reduced suspended solids, which will effectively solve a number of problems normally experienced by users of industrial bleach. The reduction of suspended solids results in crystal clear, high quality, high stability bleach that will benefit all applications.



## DRINKING & WASTE WATER APPLICATIONS

Concerns in the Drinking and Waste Water Industry using Sodium Hypochlorite as a disinfection product have been varied.

The reduction of suspended solids and transition metal ions in Multi-Chlor<sup>®</sup> will have a compound effect on these particular applications. The reduced metals will minimize oxidation which will in turn increase stability and will result in less chlorate formation, which is sensitive in drinking/waste water applications.

When suspended solids are removed sludge is reduced and virtually eliminated in storage tanks. Pumps, valves and piping have longer lives and maintenance costs are reduced with the use of Multi-Chlor<sup>®</sup>. When mixed at point of application with soft water, Multi-Chlor<sup>®</sup> will reduce calcification of pipes and feed systems.

Multi-Chlor<sup>®</sup> typical analysis of metals

Iron <0.5 mg/l

Copper <0.05 mg/l

Nickel <0.05 mg/l

Multi-Chlor<sup>®</sup> typical chlorate levels

Chlorates <1500 mg/l



## OTHER APPLICATIONS

Chemical compounders can benefit from using this ultra filtered bleach for formulating. The purity of Multi-Chlor<sup>®</sup> will assure quality control for mixing formulas. Chemical distributors will benefit in various markets with Multi-Chlor<sup>®</sup> and can be confident of the quality of all Multi-Chlor<sup>®</sup> distributed to their customers. Whether distributed as bulk or packaged product, distributor will receive the same ultra pure industrial strength bleach every time. The reduction of transition metal ions will assist in keeping all storage containers free of sediment and sludge and assist in increased stability.

Multi-Chlor<sup>®</sup> is certified to ANSI/NSF 60 Standards

