

INTRODUCTION

NV Hypo is a chemical compound with the formula NaClO . It is composed of a sodium cation (Na^+) and a hypochlorite anion (ClO^-); it may also be viewed as the sodium salt of hypochlorous acid. When dissolved in water it is commonly known as bleach or liquid bleach. Sodium hypochlorite is practically and chemically distinct from chlorine. Sodium hypochlorite is frequently used as a disinfectant or a bleaching agent.

Uses

Bleaching

Household bleach is, in general, a solution containing 3-8% sodium hypochlorite and 0.01-0.05% sodium hydroxide; the sodium hydroxide is used to slow the decomposition of sodium hypochlorite into sodium chloride and sodium chlorate.

Stain removal

Sodium hypochlorite has distaining properties. Among other applications, it can be used to remove mold stains, dental stains caused by fluorosis, and stains on crockery, especially those caused by the tannins in tea. It has also been used in laundry detergents.

Disinfection

Sodium hypochlorite in solution exhibits broad spectrum anti-microbial activity and is widely used in healthcare facilities in a variety of settings. It is usually diluted in water depending on its intended use.

Deodorizing

Sodium hypochlorite has deodorizing properties, which go hand in hand with its cleaning properties.

Water treatment

Sodium hypochlorite solutions have been used to treat dilute cyanide waste water, such as electroplating wastes.

Endodontics

Sodium hypochlorite is the medicament of choice due to its efficacy against pathogenic organisms and pulp digestion in endodontic therapy. Its concentration for use varies from 0.5% to 5.25%.

NEVA Chem. Co. For Trading & Importing and Distribution

Administration office:

12 C Building, Second Zone

El-Fostat City, Cairo

Mob./ 01026326890

www.nevachem.com

nevachem@nevachem.com

alihassan@nevachem.com

