

IS 11673(part2):2019
Sodium Hypochlorite Solution -specification
Part 2 Water Treatment Use

Sodium Hypochlorite Solution is used in Water treatment for drinking purpose. The treatment is important for human health as Sodium Hypochlorite removes contaminants and undesirable components from Water or reduces their concentration so that the water becomes fit for its desired end-use.

Indian Standard IS 11673(part 2), developed by the Bureau Of Indian Standard specifies the requirements and sampling and tests for Sodium Hypochlorite Solution.

The Standard specifies the important requirements on the available chlorine percentage for Sodium hypochlorite solutions so that consumers are able to use the solution by maintaining the appropriate concentration of active chlorine. The concentration range helps ensure effectiveness while minimizing risks, as higher or lower levels could affect both safety and efficacy in Public health Use.

The Standard also sets stringent limits on heavy and toxic metals, ensuring the hypochlorite solution remains free from harmful contaminants such as lead, arsenic, mercury, manganese, chromium, cadmium, and selenium. By regulating these substances, the Standard safeguards consumer health and maintains product quality, making it safe and effective for its intended uses.

The markings provide the crucial information about available chlorine and about suitability for water purification meant for drinking. In summary, IS 11673 (Part 2) provides assurance that the Sodium hypochlorite solution you purchase is free from harmful contaminants and fit for intended use. When buying sodium hypochlorite solution, look for the BIS mark to confirm that the product meets the stringent requirements of the Indian Standard. This mark signifies adherence to safety and quality standards, giving you confidence in both the product's safety and its effectiveness in Public Health Use.