

Hypochlorous Acid

CAS No. 7790-92-3; Neutralized

General Description

Hypochlorous Acid acts as a potential germicide and does not allow the cells to replicate or function. It reacts with the viruses, bacteria, mold or fungi, oxidizes their cellular structure and ruptures them completely, exhibiting excellent anti-bactericidal, anti-fungal and anti-viral attributes within short contact time at even lower use concentration.

Hypochlorous Acid is considered more effective over sodium hypochlorite, owing to its presence of no charge and lower molecular weight that enables it to perforate the cell walls and react promptly with the inner organic matter present in the microbial cells.

Application: General disinfection in Healthcare facilities, public facilities, water treatment in storage and supply systems, swimming pools, bio-wastes, etc.

Key Features & Benefits

- Powerful oxidizing action offers effective removal of pathogens
- Multi-disciplinary application as a disinfectant
- Flexible dosage for application
- Zero phosphorous formulation
- Excellent cleaning efficacy against oils and fat based oils
- Cost effective application dosage

Technical Specifications

Attributes	UOM	Typical Value
Form	-	Clear liquid
Appearance	-	Colourless
Odour	-	Chlorine type
pH (1% solution)	-	4.0 – 8.0
Specific Gravity	-	1.0 ± 0.02
Assay as Hypochlorous Acid	% wt.	0.06 – 0.3
Solubility	-	Soluble in water

Handling Measures

Proper safety products such as splash goggles, gloves, lab coat should be worn while handling and applying chemicals. Splashes on skin to be washed off with water immediately. In case of splashing into the eyes, flush them with fresh water and seek medical attention. **Should not be injected.**

Storage

Hypochlorous Acid should be stored in original containers in cool dry place, away from heat, direct sunlight and alkalis. Store in a cool and dry place.

Please refer label and SDS for details.

Packaging

Hypochlorous Acid is available in various sized HDPE jars.

Contact Information

Chemtex Speciality Limited

Haute Street Corporate Park86A
Topsia Road (S), Kolkata, WB, India

Tel: +91-33-7111-1111
E:info@chemtexlimited.com

ISO 9001: 2015, ISO 14001: 2007 (EMS),
OHSAS 18001: 2015, WHO-GMP
Certified, and CRISIL SE-2B rated
company

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