

# TECHNICAL DATA

## CIP ACID

### *Non-Foaming Blend of Acids*

#### DESCRIPTION

**CIP Acid** is a concentrated, highly effective, non-foaming liquid blend of phosphoric and nitric acid designed for removing milkstone, hard water scale, denatured proteins and other inorganic matter.

#### PROPERTIES:

Form / Odor:	Liquid / Odorless
Color:	Clear / Colorless
Foam:	None

pH, 1.0%:	1.45
Acidity as H <sub>3</sub> PO <sub>4</sub> :	17.06-17.60%
Specific Gravity:	1.190-1.199

#### DIRECTIONS

**Circulation Cleaning:** Make up a solution of **CIP Acid** using 5-7 mL/liter of warm water and circulate for 10 minutes. Then drain and rinse the system. More of the product may be necessary for heavier build-ups.

**Spray Cleaning:** Use a 1-2% solution of CIP Acid to brighten stainless steel and remove water scale. For heavier scale build up, **CIP Acid** can be applied up to 25% on stainless steel surfaces. Allow for a contact time of 5-10 minutes before rinsing thoroughly.

**CIP Acid** can be applied at temperatures between 4-40 °C (39-104 °F), but is most effective when applied at a temperature range of 30-40 °C (86-104 °F).

**Membrane Cleaning:** For use with UF, MF, RO, NF, ceramic or steel membranes, use the temperature, pH, pressure and time recommended by the relevant membrane manufacturer.

#### FOOD PROCESSING

This product contains phosphoric and nitric acid and should be thoroughly rinsed from all food contact surfaces.

#### PRECAUTIONS

Do not take internally. Avoid contact with eyes and prolonged contact with the skin. Never mix with other cleaners or chemicals (especially bleach).

#### CONTAINS

Phosphoric Acid and Nitric Acid.

**FOR FOOD PLANT AND INDUSTRIAL USE ONLY**



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