



CIP-300X

DESCRIPTION:

CIP-300X is a multi-purpose concentrated acidic detergent designed to penetrate and remove oxides, scale and a variety of complex soils typically found on dairy, beverage and food processing equipment. It is very useful for “acid override cleaning” of high-temperature-short-time pasteurizers and other process vessels and equipment.

PROPERTIES:

Appearance:	Clear, red liquid with a mild acid odor.
Specific Gravity:	1.27
pH (100%):	0.3 – 0.5
pH (1% by volume):	1.6 – 1.8
Foam:	Nil
Metal Safety:	Safe to use on all stainless steel alloys. It etches zinc, aluminum and copper alloys, therefore, avoid excessive use on these metals.
U.S.D.A. Status:	Acid cleaner for use in all departments. Category = A3

APPLICATION:

Acid Override Cleaning: Thoroughly rinse the equipment to be cleaned, then add a 1 to 3% by volume solution of **CIP-300X**, and recirculate for 30 minutes to 1 hour at 140°F. to 160°F., depending upon the type and extent of soil. Then add the recommended alkaline detergent solution (must not contain chlorinated compounds!), making sure that sufficient alkaline detergent is used to completely neutralize the **CIP-300X** and maintain an excess of the alkaline cleaner at its recommended concentration. Recirculate the alkaline cleaner at the suggested concentration, temperature and time, then flush to drain. Finally, rinse with fresh water and sanitize if required.

CIP-300X is also used as a neutralizer/brightener at a pH of 2.5 to 3.5 (approximately 0.25 to 0.50% by volume) following alkaline cleaning operations. Used in this manner, it will remove milkstone, beerstone, and hard water mineral deposits in addition to neutralizing the alkaline cleaner and providing bright metal surfaces.

CIP-300X may also be used manually to remove hard water residues and soils that contain stabilizers and/or fat product substitutes from acid brick and concrete floors. Apply at 25 to 50% by volume and use a powered rotary buffer brush to assist in penetrating the soils. Then rinse with water. Follow with a good alkaline floor cleaner and use the buffer brush. Rinse with water and repeat as necessary.

Before using **CIP-300X** for U.S.D.A regulated operations, food products and packaging materials must be removed from the room or carefully protected. After using **CIP-300X**, all surfaces in the area must be thoroughly rinsed with potable water.

PRODUCT CAUTIONS:

Danger! Causes severe burns to skin, eyes and alimentary canal. Harmful or fatal if swallowed. Contains nitric acid and phosphoric acid. During use, wear goggles and faceshield, protective gloves, rubber apron and rubber boots.

EMERGENCY FIRST AID:

EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

INHALATION: Remove to fresh air. Call a physician.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.