

C.I.P.

TECHNICAL DATA SHEET

DESCRIPTION:

C.I.P. is a concentrated blend of phosphoric acid and surfactants designed to penetrate and remove oxide, milkstone and soils from food, beverage and dairy processing equipment. **C.I.P.** can be applied by manual, immersion or **CIP** methods to clean tanks, pipes and equipment in-place.

PROPERTIES:

Appearance:	Clear, brown liquid with a mild acid odor.
Specific Gravity:	1.27
pH (100%):	0.9 – 1.1
pH (1% by volume):	1.9 – 2.1
Metal Safety:	Safe on stainless steel alloys when used as directed. May attack or etch carbon steel, aluminum and zinc alloys.

APPLICATION:

C.I.P. is acceptable for use in food and beverage plants as an **A3** acid cleaner for use in all departments.

Before using **C.I.P.**, food products and packaging materials must be removed from the room or carefully protected. After using **C.I.P.**, all surfaces must be thoroughly rinsed with potable water.

Use **C.I.P.** as an acid rinse following alkaline cleaning at 1 to 5% by volume of water and up to 150°F. Follow with a thorough potable water rinse. To insure removal of all scale, periodically use **C.I.P.** at higher concentrations of up to 10% by volume in water. The exact dilution and temperature will depend on the specific nature of the application. SSOP's may need to be developed for specific concentration and temperatures based on your product residue type and soil load.

Contact your Madison Chemical representative for details to fit your operation.

PRODUCT CAUTIONS:

WARNING! Causes burns to skin, eyes and alimentary canal. Harmful if swallowed. Contains phosphoric acid. Wear goggles, face shield, impermeable gloves and other equipment as required to avoid contact.

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.

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.



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