C.I.P. ACID

Non-foaming acid cleaner

C.I.P. ACID is a highy powerful acid cleaner used for maintaining sanitary conditions in recirculating cleaning systems.

It is mainly used in food processing industries such as dairy, soft drinks, breweries, fruit juice as well as all other industries where scale deposits must be removed in closed systems.

C.I.P. ACID does not produce any foam, even under high agitation and varying temperatures, therefore it does not interfere with pumping or drainage.

FEATURES AND BENEFITS

- Use hot or cold
- High acidity
- Reusable
- Does not release vapours even when stored at 35ºC
- Does not release gases or unpleasant odours

DIRECTION FOR USE

PROCEDURE #1	PROCEDURE #2
EQUIPMENT TO BE TREATED All recirculating cleaning systems such as transportation circuits, pasteurizers, fermenters, holding tanks, storage tanks for pasteurized and untreated milk. **SOILS TO BE REMOVED** Mineral deposits i.e. scale, milk stone, water stains, beer stone. **USE PROCEDURE** Prepare a solution containing **C.I.P. ACID** and let circulate between 15 and 30 minutes in piping. Said treatment may precede or follow an alkaline cleaning. Then, rinse with potable water. **CONCENTRATION** Between 0.1% to 1.0% (1 to 10 ml) **TEMPERATURE** Between 10°C and 60°C (50 to 140°F) **TEMPS D'OPERATION/TEMPS DE CONTACT** 15 to 30 minutes. **MECHANICAL ACTION** Ensure a circulation speed between 1.5 and 3.0 meters per second in all parts of the system. Ensure that the product reaches all surfaces when cleaning through a sprinkler system. **RINSING** Warm or hot clean water. **REUSE/RECYCLING** Possible in systems adapted for recycling.	**EQUIPMENT TO BE TREATED** When installing stainless steel systems, it is recommended to use **C.I.P. ACID** for passivation of the metal. **SOILS TO BE REMOVED** Stainless steel passivation. **USE PROCEDURE** Degrease with an alkaline solution. Circulate **C.I.P. ACID** undiluted at room temperature in systems. The contact time must be at least 2 hours for effective passivation. **CONCENTRATION** As is. **TEMPERATURE** Ambient temperature or as recommended by the manufacturer. **TEMPS D'OPERATION/TEMPS DE CONTACT** At least two hours. **MECHANICAL ACTION** It is best to provide some agitation or circulation. **RINSING** Rinse with water after treament. **REUSE/RECYCLING** May be reused several times in the case of passivation.

BACK ►

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PHYSICAL PROPERTIES

Appearence	Clear, light yellow liquid
Odour	Odorless
Specific gravity @ 20°C	1.2
Viscosity	< 10 cps
pH	< 1
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Boiling point	100°C
Freezing point	Not available
Foaming tendency	Non-foaming
Concentration monitoring techniques	Titration, electrical conductivity, refractive index
Rinsing	Excellent

INCOMPATIBILITY

Bases, organic materials, light metals, bleach

WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

AVAILABLE SIZES

20L	205L	1000L

Food and beverage industry accepted

phosphate-FREE

IMPORTANT
Before using **C.I.P. ACID**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

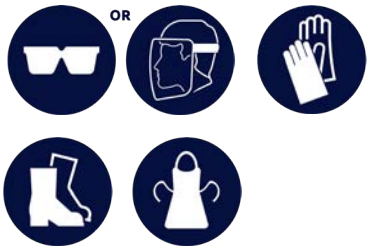
Eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation
Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion
Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

PERSONAL PROTECTION



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