



CIP ALKALI

Low Foaming Caustic Based Cleaner

Technical Information

CIP Alkali cleaner is a low foaming caustic based cleaning fluid that is particularly suited for use in hard water areas.

It is a versatile CIP (Clean-In-Place) cleaner that finds application for cleaning out vessels, tanks, and pipelines in the food, dairying, agricultural, soft drinks and brewing sectors and may also be used in automated spray-wash equipment.

It comprises of an aqueous blend of sodium hydroxide, surface-active agents and sequestrants.

CIP Alkali cleaner is low-foaming and also has the ability to de-foam; often foam is produced by the presence of proteins, fats and dairy products in the soiling and this can have serious negative effects on the efficiency of the cleaning process.

Primary features attributable to CIP Alkali cleaner are:

- Effective cleaner;
- Easy to use;
- Suitable for use in both soft and hard water areas;
- Effective for food, dairying, soft drinks and brewing industry applications;
- Cost effective utilisation.

Applications

CIP Alkali cleaner is particularly suited for cleaning in the food, agricultural, dairying, soft drinks and brewing industries.

The product may be used for the cleaning of pasteurisers, transfer lines, cooking vessels, process tanks, storage tanks etc.

CIP Alkali cleaner may be dosed automatically into tray washers, crate washers and bottle washers.



Certificate No. GB06/69741

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Compatibility

CIP Alkali cleaner is compatible with plastics and rubbers normally encountered in the food and drink processing industries. Stainless Steel and Steel parts are unaffected however aluminium and zinc may be attacked and care will need to be exercised in its use.

Health and Safety

CIP Alkali cleaner is classified as Corrosive.

Users should avoid contact with skin and eyes and wear suitable protective clothing, gloves and safety glasses.

Users should also avoid ingesting the cleaner or inhaling spray, mist or vapours.

Do not eat, drink or smoke during use.

See Safety Data Sheet for details.

Typical Properties

Appearance	Clear to slight hazy pale straw coloured liquid
Odour	None
Density, g/cm ³ @ 20 °C	1.32
Solubility in water	Completely miscible
pH (1% Solution)	13.0 units

Storage life of product is not less than 36 months in original containers when stored at temperatures between 0°C and 30 °C.

Directions for Use

CIP Cleaning:

CIP Alkali cleaner needs to be diluted for use.

Flush out the system with water then dose with CIP Alkali cleaner to give a dilution between 0.5% and 5% in water.

The cleaning solution finds optimum cleaning performance when heated to between 50 °C and 80 °C.

Circulate the diluted cleaner until the surfaces are clean, the length of time is dependent on the nature and depth of soiling present, but normally a time between 20 and 45 minutes should be satisfactory.

Drain the cleaning solution, rinse out thoroughly with clean fresh cold water.

NOTE: Do not use on sensitive surfaces/materials. If in doubt test a small inconspicuous area before application.

For complete hygiene, it is recommended that Terminal Sanitizer compound is used in the rinse water.

Spray Washing:

CIP Alkali cleaner should be dosed at between 0.5 to 3% at 60-80°C.

Ensure that the machine is equipped with an efficient, fresh water rinse.

CONTACT DETAILS:

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For any further information, please contact your distributor or Amity.

In the event of any technical queries, please contact:
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Packaging Details:

CIP Alkali is available in:

- 25 Litre containers
- 210 Litre drums