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## GENERAL DESCRIPTION

CIP Neutralizer Alkaline Based Neutralizer is a liquid blend of sodium hydroxide and potassium hydroxide suitable for a variety of applications where it is desirable to raise the pH or increase the alkalinity of a solution. It can be used to neutralize acidic solutions, boost the efficiency of compatible cleaning processes or as a stand alone cleaner for lipids and other fatty type soils.

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## FEATURES

Blend of sodium and potassium hydroxides

Easy to feed concentrated liquid

Readily soluble when neutralized

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## BENEFITS

Eliminates the potential for sludge formation and accumulation in the drum under normal conditions and minimizes the plugging of feed lines and equipment associated with commodity caustics

Can be fed directly from the container, eliminating manual dilution of dry products and minimizing potential operator exposure to concentrated chemicals

Easier to mix throughout solutions which need to be neutralized

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## PHYSICAL PROPERTIES

Form.....	Colorless, clear liquid
Odor.....	None
Specific gravity (77°F [25°C]).....	1.30, typical
pH (undiluted).....	>13
pH (1%).....	12.6, typical
Solubility.....	Complete
Foam.....	None

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## DIRECTIONS FOR USE

Since CIP Neutralizer Alkaline Based Neutralizer is both more dense and more viscous than water and most other solutions, it should be added to all applications in a manner to verify adequate mixing. Use rates will vary depending upon the application and the desired final solution pH. CIP Neutralizer Alkaline Based Neutralizer is typically applied through a compatible pump. **DO NOT ADD WATER TO CIP NEUTRALIZER ALKALINE BASED NEUTRALIZER.** If pre-dilution is required, carefully add CIP Neutralizer Alkaline Based Neutralizer to cold water.

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## STORAGE AND DISPOSAL

### Storage

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers. This product should be stored in an area where it is not exposed to extreme temperatures.

### Prohibitions

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container.

### Disposal

This germicide, its solutions or rinsings from empty containers, should be disposed of in a toilet or service sink served by a sanitary sewer, or in a landfill approved for pesticides. Triple rinse and deposit in a waste container for incineration, or in a landfill approved for pesticide containers. Consult federal, state or local disposal authorities for approved alternative procedures, such as limited open burning.

## SERVICE

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### Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

### Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

## PRECAUTIONS

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Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet (MSDS) for the product. For additional information regarding incidents involving human and environmental exposure, call 314-535-1395.

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**For further information, please contact:**

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