



CAUSTIC CIP

ALKALINE WASH CONCENTRATE FOR CLEAN-IN-PLACE SYSTEMS
This product is a concentrated, primary surfactant based alkaline detergent. This product does not contain chlorine and is designed for challenging clean-in-place applications where low-foam characteristics are desirable. Caustic CIP is strong enough to handle the most difficult soils and cleaning applications even in very hard water. This product is free-rinsing with normal water flows. Chlorine can be added to this product to create a chlorinated alkaline cleaner.

DIRECTIONS:
Caustic CIP is designed for use at 0.25 - 2% concentration in water depending on equipment, soil, and water conditions. For heavy soil conditions in high temperature applications, use a 1 - 2% in hot (180° - 200°F) water and circulate for 30-60 minutes. Do not let solution temperature drop below 120°F.
Add 12 oz of 12.5% sodium hypochlorite bleach per gallon to the Caustic CIP solution to create a chlorinated alkaline CIP detergent.

NET CONTENTS: 5 GAL (18.9 L) LOT: 11700101 CIPHS

**KEEP OUT OF REACH OF CHILDREN
CORROSIVE LIQUID
HAZARD INFORMATION
DANGER: IRRITANT
H314 Causes severe skin burns and eye damage.
H335 Causes respiratory irritation.**

SEE SAFETY DATA SHEET FOR MORE INFORMATION

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Questions and Answers on Caustic CIP

Question: “What is unique about Caustic CIP?”

Answer: Caustic CIP is a concentrated, low-foam liquid alkaline detergent that is strong enough to handle the most difficult soils and cleaning applications, even in very hard or soft water.

Question: “What is the difference between Caustic CIP and Acid CIP?”

Answer: Caustic CIP is an alkaline detergent while Acid CIP is an acid wash. Caustic CIP is meant to be used more frequently and it gets rid of fats, oils and greases. Acid CIP is used less frequently and it is used after Caustic CIP to get rid of mineral soils.

Question: “What are all of the ways I can use Caustic CIP?”

Answer: Caustic CIP is a clean-in-place that can be used as an alkaline detergent. This product is designed for use before an acid clean-in-place wash. Always read label before use.

Question: “What is the fragrance in Caustic CIP?”

Answer: Caustic CIP has a mild to no odor.

Question: “Is Caustic CIP free-rinsing?”

Answer: Yes, Caustic CIP is free-rinsing with normal water pressure.

Question: “Where and when does Caustic CIP work best?”

Answer: Caustic CIP works best where low-foam characteristics are desirable. Caustic CIP is designed for use before an acid clean-in-place wash.

Question: “Is Caustic CIP sold ready-to-use?”

Answer: No. Caustic CIP can be dangerous if not diluted. Depending on the equipment, soil and water conditions, Caustic CIP is meant to be used at 0.25% - 2% concentration in water. Always read label before use for diluting instructions.

Question: “The safety data sheet for Caustic CIP says that it may be corrosive to metals, but if that’s the case how can it be safe to use as a clean-in-place for a system made of metal?”

Answer: Caustic CIP can be corrosive to soft metals. Caustic CIP is perfectly safe on stainless steel which is what most CIP systems are made out of.

Question: “The webpage for Caustic Foam says ‘Chlorine can be added to this product to create a chlorinated foaming alkaline cleaner’. What are the advantages and disadvantages of doing this and how much chlorine is needed?”

Answer: Adding ½ ounce of 12.5% sodium hypochlorite bleach (Sanitizer Concentrate) to a gallon of diluted Caustic Foam will make a chlorinated foaming alkaline cleaner. Doing this will make cleaning proteins much easier, but it also makes cleaning more dangerous if necessary precautions are not taken. Cleaning with chlorine can be hazardous and it requires caution. When cleaning with this mixture, NEVER use Acid CIP/Acid Foam right after because mixing chlorine and acid is very dangerous. This mixture will also degrade rubber and soft metals (such as aluminum). Never use this mixture at high temperatures as chlorine at high temperatures can be unsafe.

Complete Cleaning Solutions

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Question: “The webpage for Caustic CIP says that Oxy Concentrate can be added to this product to create a foaming liquid Security Floor Treatment. What are the advantages and disadvantages of doing this and how much Oxy Concentrate is needed?”

Answer: Blend 0.25% - 1% of Oxy Concentrate with Caustic CIP at the recommended dilution to make a foaming liquid Security Floor Treatment. Oxy Concentrate replaces chlorine bleach to give superior cleaning without the use of chlorine. This means that it can be used at higher temperatures than the chlorine Caustic Foam mix and it will not be hazardous when mixed with Acid CIP/Acid Foam. Do not mix Oxy Concentrate with Acid CIP/Acid Foam because it will not make an effective cleaner.

Question: “Why not sell liquid Security Floor Treatment as one product so I don’t have to do all of this mixing and specific measurements?”

Answer: Mixing Caustic CIP and Oxy Concentrate is not stable if mixed as concentrates. However, the mixture is stable when mixed as diluted chemicals. It is not efficient for DeVere to make and ship a ready to use liquid Security Floor Treatment.

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