



Food & Beverage Processing Solutions



SURFACE CLEANING

# React O2

## Oxygen Based CIP Additive & Cleaner

CORE 3

### **Core 3: Personal Attention**

*Every customer requires special attention and has their own demands put on them. Our staff will design and implement a program designed to fit your needs.*

### **Core 3: Experience**

*With our full staff of formulators, chemists, & marketing professionals we have been bringing cutting edge products to market for over 70 years.*

### **Core 3: Technology**

*Through daily contact with industry professionals, we are continuously updating and improving our products to make sure you perform at your best.*

Synthetic Labs offers industry-leading solutions for businesses and professionals who demand exceptional results.



# SURFACE CLEANING

## React O2

### Oxygen Based CIP Cleaner & Additive

#### What is React O2?

REACT O2 is a highly concentrated hydrogen peroxide based additive to be used in conjunction with Alkali CIP cleaners. Peroxide-based CIP (Clean-in-Place) cleaners are effective for brewery equipment, particularly for removing organic soils and sanitizing surfaces. They offer a "bleaching" action, destroying organic soils and reducing the risk of re-deposition, while also being less harsh on equipment than traditional caustic cleaners.

#### Benefits:

- Highly concentrated and easy to use.
- Enhances the power of CIP cleaning.
- Special non foaming formula.
- Economical to use.

#### How Peroxide-based CIP Cleaning Works:

##### Oxidation:

Hydrogen peroxide and its derivatives act as oxidizers, breaking down organic compounds like protein and sugars into harmless byproducts (like water and gases).

##### Sanitization:

This oxidation process not only cleans but also effectively sanitizes surfaces, killing bacteria, yeasts, and molds that may contaminate the equipment.

##### Anti-Redeposition:

The cleaning action helps prevent the re-deposition of soils, ensuring a cleaner and safer brewing process.

##### Low-Temperature Effectiveness:

Some peroxide-based CIP cleaners are effective even at lower temperatures, making them suitable for various brewery equipment.

#### Tech Specs:

Color.....	Clear
Fragrance.....	Faint
Form.....	Liquid
Phosphates.....	None
FlashPoint.....	212F
pH.....	4-5
Specific Gravity.....	1.04
Viscosity.....	Thin
Foam.....	None
Biodegradable.....	100%
Shelf Life.....	1 Year

#### Available Packages

2942-55	55 Gallon Plastic Drum
2942-5	5 Gallon Plastic Pail



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