

SANITATION SOLUTIONS FOR BREWERIES

EPSILON CHEMICALS LTD. is committed to providing sanitation solutions that help brewers to achieve consistent flavor, improved shelf life and higher yields. Our high quality products have been formulated to ensure that operational costs are minimized without sacrificing product quality.

CHEMICAL CLEANERS AND SANITIZERS

ALKALINE CIP CLEANERS:

- **LIQUID HDCC** – A very strongly alkaline circulation cleaner formulated for cleaning lines and tanks.
- **LIQUID CIRCULATION CLEANER** – A strongly alkaline circulation cleaner formulated for cleaning lines and tanks.
- **TURBO CIP** – a moderately alkaline circulation cleaner formulated for hard water conditions.
- **PIPELINE CLEANER** – Strongly alkaline, chlorinated circulation cleaner.



ACIDIC CIP CLEANERS:

- **CIP ACID** – Non foaming blend of nitric and phosphoric acid for removal of beer stone and scale in tanks, vats and lines.
- **HD DESCALER** – Nitric acid-based product formulated for the removal of beer stone and scale in tanks, vats and lines.
- **NON-FOAMING ACID CLEANER** - Phosphoric acid-based product formulated for the removal of beer stone and scale in tanks, vats and lines.



NON-CAUSTIC CIRCULATION CLEANERS:

- **POWDERED ALE PURPOSE CLEANER** – a readily soluble, free-flowing, free rinsing CIP type cleaner with excellent hard water tolerance. This product uses active oxygen (4-5%) to effectively penetrate carbon and protein soils in piping, tanks, filters, fermenters, and kettles.
- **ASC 1000** is a concentrated, completely water-soluble liquid cleaner and degreaser specifically designed to clean soils from soft metal surfaces.

SANITIZERS:

- **PAA 67** – an organic peracetic acid based broad spectrum sanitizer.
- **E-QUAT** – a dual quaternary ammonium based liquid sanitizer.
- **LIQUID CHLORINE 12%** - A sodium hypochlorite-based sanitizer and bleaching agent.
- **BIOCIDE P** – Pink, chlorinated trisodium phosphate based cleaner and sanitizer.

MULTI-PURPOSE CLEANERS:

- **CHLORO** – a mildly alkaline, foaming, chlorinated degreaser.
- **CLEAN FOAM** – a mildly alkaline, foaming degreaser.



1926-94 Street, Edmonton, Alberta. T6N 1J3. 1-800-361-6348
www.epsilonchemicals.com

- **SECO-SAN** - a pH neutral ready to use cleaner and sanitizer. The sanitizing effect is due to a specialized blend of quaternary ammonium compounds, isopropyl alcohol and hydrogen peroxide.
- **HP EXTRA** - a moderately foaming degreaser containing biodegradable surfactants and wetting agents boosted with hydrogen peroxide. **HP Extra** has excellent degreasing properties and can be used for general cleaning of food processing operations, especially in areas that contain a variety of soft metals.

ENZYME BASED CLEANERS:

- **ENZYBREW 10** - a tri-enzyme detergent specially designed for the daily cleaning of microbrewery equipment. ENZYBREW 10 removes all organic residues encountered during the production of beer such as vegetable fibers (hop, distillers' grains), starch, caramelized sugars, etc. Ideal for cleaning filter plates, wort cooler and maturation, boiling and fermentation tanks
- **ENZYBREW L** – an enzyme detergent specially designed for cleaning bottling machines and removable parts (valves, rubber hoses, fittings) in microbreweries. ENZYBREW L breaks organic soiling such as protein waste and residues of polysaccharides completely down.
- **ENZYFOAM** – a self-foaming enzyme detergent specially developed for cleaning any open surface (floors, surfaces, difficult to access locations and high-risk areas) in the food industry. Efficiently removes organic residues (proteins, grease, starch) that are heavily encrusted on surfaces to provide in-depth cleaning and optimum hygiene.

PERSONAL HYGIENE:

- **AB HANDSOAP** - a premium, high foaming synthetic antibacterial hand soap specifically formulated for the gentle and efficient cleansing of hands in the food industry. This product contains **BKC**, a highly effective **broad-spectrum antimicrobial agent** that provides excellent antibacterial activity in a short period of time to reduce and control the micro flora of the skin while imparting residual bacteriostatic activity.
- **IQL SPRAY SANITIZER** - IQL Spray Sanitizer is an isopropyl alcohol-based hand and hard surface sanitizer containing quaternary ammonium and lactic acid. This product has been formulated to reduce the risk of cross contamination by providing the reduction of a wide spectrum of bacteria and microorganisms.

HYGIENE MONITORING:

- **ENSURE TOUCH ATP LUMINOMETER** is the next-generation quality monitoring system. It provides rapid and accurate sanitation verification to support your food safety program. EnSURE™ Touch features a 5" touch screen, wireless sync technology, and cloud-based software.



SANITATION CHEMICAL DILUTION SYSTEMS:

- Foaming and spray sanitizing equipment
- Chemical mixing stations
- Chemical transfer stations and pumps