

Cleaning and Sanitizing Products

BRU-R-EZ

Clean your mash tun, brew kettle, fermenters, heat exchanger, lines, kegs, etc. more quickly and effectively than the routine caustic products with BRU-R-EZ.

Ultra rinsability leaves a perfect shine on any metal. BRU-R-EZ CIP and hand scrub applications can remove protein and oil and grease without the use of searing caustic strength.

Features:

- A powerful detergent blend
- Compatible with aluminum, iron, copper and or steel
- General purpose cleaner
- Nonsolvent, noncaustic and non-phenol

Properties

Part Number	Form	Color	Odor	pH	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I0012245	Powder	Light Tan	Detergent	11.7	Minimal	Yes	Yes	5 Gallon Bucket	50 lb

CELL-R-MASTR

Clean your beer tanks, fermenters, lines, etc. more quickly and effectively than the routine caustic products with CELL-R-MASTR. Ultra rinsability leaves a perfect shine on any metal. CELL-R-MASTR CIP and hand scrub applications can remove protein without the use of caustic or TSP and Citric Acid. Your operation will be safer, quicker and more reliable.

Features:

- A powerful detergent blend
- Compatible with stainless steel, aluminum, iron, copper and or steel
- General purpose cleaner
- Nonsolvent and noncaustic



Properties

Part Number	Form	Color	Odor	pH	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I0014845	Powder	White/Tan	Detergent	11.6	Minimal	Yes	Yes	5 Gallon Bucket	50 lb

BIRK-OX

BIRK-OX is an EPA registered (No. 63838-1-10147) 5.6% active peracetic acid (PAA or peroxyacetic acid) liquid sanitizer. BIRK-OX is an excellent post-rinse sanitizer for all previously cleaned surfaces.

Features:

- Reverse osmosis and ultra filtration membrane cleaning and sanitizing
- Sulfide oxidation and odor elimination
- As a sanitizer/disinfectant for use on conveyors, pipelines, equipment, floors, and walls
- As a fog adjunct for high-level microbial control

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Density	Size	Shipping Weight
CHE I024705	Liquid	Clear	Pungent	2.5	None	Yes	No	1.121	5 Gallon Bucket	50 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.



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DIACTOLATE

DIACTOLATE is an FDA Generally Recognized As Safe (G.R.A.S) food grade acid. DIACTOLATE is also effective in neutralizing and reducing pH in water and/or finished product and removing or preventing scale formation.

Features:

- Food grade acid
- Chloride dioxide generator
- Alkaline pH neutralizer
- Scale preventative

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I0020245	Powder	White	None	3.0-3.5	None	Yes	No	5 Gallon Bucket	50 lb

PRONTO

PRONTO is a premium, non-caustic, multi-metal safe alkaline powder that is appropriate nearly everywhere in the facility. PRONTO is used for food process CIP, and is especially effective against oily and proteinaceous buildups on metals, and is excellent on concrete floors. PRONTO is USDA approved for all surfaces in the facility.

Features:

- Widely versatile
- Noncaustic and nonsolvent
- Mild on materials
- Multi-metal safe
- Safer to handle than caustic products

Properties

Part Number	Form	Color	Odor	pH	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I0023045	Powder	Light Brown	Soapy	11.3	High (unstable)	Yes	Yes	5 Gallon Bucket	50 lb

ACID BRITE #2

ACID BRITE #2 is an effective acid cleaner designed especially to enhance the mineralization (scale) removal in facilities that use hard water. Many alkaline products promote the formation of hardness salts and soaps. Use ACID BRITE #2 safely on your equipment or in CIP to remove protein, simple scale and other soils. Properly conditions stainless steel.

Features:

- A powerful acid and detergent blend
- Compatible with multiple metals, aluminum, galvanized
- Removes protein and beerstone

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Density	Size	Shipping Weight
CHE I000395	Liquid	Clear/Amber	Sharp Detergent	1.9	None	Yes	Yes	1.1	5 Gallon Bucket	50 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.



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ACID-KLEEN

ACID-KLEEN is a self-foaming, general purpose, acid/anionic surfactant cleaner. Many alkaline products promote formation of hardness salts and soaps. Acid-Kleen helps remove or prevent scaling problems when used as a rinse acid. Use ACID-KLEEN for fermentors, tanks, vats, kegs, lines, walls, and floors. Acid-Kleen can be dispensed through foaming or spray equipment.

Features:

- Self-foaming acid for product contact surfaces, floors, walls, and stainless steel
- Used for foam or CIP applications

Properties

Part Number	Form	Color	Odor	pH @1%	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I001735	Liquid	Yellow	Sweet	1.9	High	Yes	Yes	1 Gallon	12 lb

ANTIFOAM 100

ANTIFOAM 100 is ideally suited for use in the brewery. It is a proprietary blend of antifoam compounds with the capacity to immediately prevent foam.

ANTIFOAM 100 is unlike similar products because it works equally well in both oil-based and water-based systems. ANTIFOAM 100 is USDA approved for food processing.

Features:

- An all-purpose antifoam for brew kettle, fermenter, yeast propagation, blow-off buckets

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Density	Size	Shipping Weight
CHE I00058	Liquid	Opaque Yellow	Slight Oil	Not Applicable	None	Yes	No	1.01	1 Gallon	8 lb

CIR-Q-LATE

CIR-Q-LATE is a strongly alkaline, liquid blend of caustic detergents, dispersants, and chelating agents appropriate for use in craft breweries as a heavy-duty CIP cleaner. CIR-Q-LATE features outstanding cleaning performance on protein soils. CIR-Q-LATE leaves stainless steel looking great when followed by a potable water rinse.

Features:

- High alkaline cleaner for CIP Systems and Soak Tanks

Properties

Part Number	Form	Color	Odor	pH (1% Solution)	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I001125	Liquid	Amber	Detergent	12.8	Minimal	Yes	No	5 Gallon Bucket	60 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.



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DIOXY-CHLOR

DIOXY-CHLOR is a 7.5% active solution of Sodium Chlorite (NaClO_2). DIOXY-CHLOR, when properly acidified, forms Chlorine Dioxide (ClO_2). Chlorine Dioxide is a very potent oxidizer and odor control agent. DIOXY-CHLOR is an effective bleach and deodorizer for a variety of applications. Unlike chlorine bleach, DIOXY-CHLOR offers unbeatable performance and offers far less corrosion at low active ppm levels.

Features:

- Chlorine Dioxide precursor, bleach, and odor control agent
- Used on equipment, walls, ceilings, and floors as well as porous and non-porous surfaces

Properties

Part Number	Form	Color	Odor	pH	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I000905	Liquid	Greenish Yellow	Chlorinous	12	None	Yes	No	5 Gallon Bucket	46 lb

DYNO-MITE

DYNO-MITE is a low foaming iodophor based sanitizer. DYNO-MITE can be used as a post rinse sanitizer up to 25 ppm. Its low foam makes DYNO-MITE an especially good sanitizer for CIP applications.

Features:

- An iodine based antimicrobial
- Post rinse sanitizing
- Disinfection

Properties

Part Number	Form	Color	Odor	pH	Denisty	Foam	Size	Shipping Weight
CHE I027165	Liquid	Dark Brown	Sharp	1.5	1.03	Low	5 Gallon Bucket	50 lb

PATCO 376

PATCO 376 is a 100% active non-silicone defoamer. Designed for use in beer processing operations and fermentation reactions. It's also used as a kettle defoamer. PATCO 376 complies with Section 173.340 Code of Federal Regulations Title 21, which covers defoaming agents used in food processing. PATCO 376 has Kosher approval.

Features:

- An all-purpose antifoam

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Density	Size	Shipping Weight
CHE I00091	Liquid	Amber	Oily	Not Applicable	None	Yes	No	1.0	1 Gallon	8 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.



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PHOSPHORIC ACID 75% FOOD GRADE

PHOSPHORIC ACID 75% FOOD GRADE is used in the brewing industry to adjust the pH of the mash and to activate chlorine dioxide (sodium chlorite) sanitizers, such as DIOXY-CHLOR. PHOSPHORIC ACID 75% FOOD GRADE is widely used as an acidulant in the food industry and has a pleasing acid taste when suitably diluted.

Features:

- Used to adjust pH in the mash and activate sodium chlorite solutions

Properties

Part Number	Form	Color	Odor	pH @ 1%	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I001031	Liquid	Clear	Odorless	1.2	None	Yes	Yes	1 Gallon	14 lb

SHINE-A-LINE

SHINE-A-LINE is a phosphoric acid cleaner containing corrosion inhibitors, surfactants and rinse aids to neutralize soaps, remove hard water scale, and rust. This specialty chemical imparts a shine to CIP and other stainless steel equipment. It may be used alone, diluted with water or with a foam generator.

Features:

- Acid cleaner for CIP equipment, stainless steel, and walls

Properties

Part Number	Form	Color	Odor	pH (1% Solution)	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I000321	Liquid	Clear	None	2.0	Low	Yes	Yes	1 Gallon	11 lb

ULTRA NITER

ULTRA NITER is a non-foaming blend of water, nitric acid, phosphoric acid, and a surfactant for increased wetting and soil dispersion. The suggested use level for cleaning is 2 - 3% as supplied. ULTRA NITER cleaning solutions must be rinsed thoroughly with potable water after use.

Features:

- Low phosphate
- Acid blend
- Used for brewery CIP

Properties

Part Number	Form	Color	Odor	pH (neat)	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I001751	Liquid	Colorless	Sour	1.9	Low	Yes	Yes	1 Gallon	10 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.



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X-PUMA

X-PUMA is a non-foaming detergent for CIP and batch applications. X-PUMA is designed to work in conjunction with products such as ACID BRITE #2 or ULTRA NITER for a variety of applications such as keg cleaning, acid and detergent cleaning of serving tanks, and brite tanks under pressure. Helps remove beerstone much better than acid alone!

Features:

- Non-foaming detergent additive
- Assists beerstone removal; patented for keg cleaning when used with Ultra Niter or Acid Brite #2
- Assists protein wetting and dispersing

Properties

Part Number	Form	Color	Odor	pH (neat)	Foam	Biodegradable	Phosphates	Size	Shipping Weight
CHE I001805	Liquid	Clear	Detergent	3.5	Low	Yes	No	1 Gallon	9 lb

Note: Cleaning and sanitizing products are available in other sizes; consult your local MATHESON representative.

