

One Step Alkali™

Heavy-Duty, Free-Rinsing KOH Cleaner

Product Number 1783

One Step Alkali™ is a heavy-duty alkaline liquid cleaner containing a proprietary blend of detergent surfactants and chelating agents designed to remove soils generated in high temperature processing equipment. This product is formulated to eliminate the need for acid washing after traditional caustic and alkaline wash steps. It has superior cleaning, rinsing and chelating properties for use in cleaning all high temperature processing equipment such as UHT units, dryers, evaporators, HTST systems, and cheese processing equipment applications.

Benefits

- Enhanced rinsing properties
- Reduced frequency, or elimination of acid wash steps
- Stand alone detergent, not an additive

Features

- High-strength Alkaline - KOH
- Combination chelation/surfactant package
- Special rinse additive

Properties

- Appearance Clear colorless to light yellow liquid
- pH (1% w/w in DI water) 12.3 – 13.3
- Active alkalinity..... 20.0 – 25.0 %w/w Na₂O
- Hardness tolerance up to 400 ppm

Directions for Use

Although One Step Alkali™ is formulated to eliminate the need for acid washing, certain cleaning situations may not allow indefinite cleaning with One Step Alkali™ alone; so always inspect equipment for cleanliness and follow One Step Alkali™ wash steps with an acid wash as necessary. After cleaning, rinse with potable water. Sanitize as required.

Method

Circulation, soak, spray and boil-out cleaning. After cleaning, post-rinse with potable water. Sanitize as required.

Concentration

High temperature processing equipment: (Evaporators, dryers and HTST equipment) use 1 to 10 ounces per gallon of water, depending on soil load and method of cleaning.

Boil Out and soak cleaning: use 4 to 6 ounces per gallon of water at 150°F to 200°F and with mechanical agitation to clean different type of soils (fats, proteins, grease, oils burned on residues, etc.).

Consult your DeLaval Cleaning Solutions representative for questions on specific applications.

Safety Information

IF ON SKIN

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothes before reusing.

IF IN EYES

In case of contact, immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

IF SWALLOWED

Drink large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

IF INHALED

Immediately move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get immediate medical attention.

Consult your Safety Data Sheet for additional safety information

For more information about this product or any of our other products and services please visit our website at www.delavalcleaningsolutions.com or contact us at 1-800-447-8370.



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