



EVERKLEEN 1005 BUFFERED SAPONIFIER

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Description

Everkleen 1005 Saponifier is a buffered biodegradable cleaner formulated to remove rosin residues from circuit board assemblies and electronic parts. It is designed to neutralize organic and inorganic acids, making them soluble in water; plus 1005 contains a unique anti-foaming agent to reduce foam. Everkleen 1005 will not attack most plastics, anodized surfaces and will not remove ink markings on components.

Main Features

- ☐ Biodegradable Cleaner
- ☐ Effectively reduces foam

Technical Data

Specification

Color and Appearance

Clear to Yellowish Liquid

Flash Point

198 °F

pH Value

10.45 ± 0.45

Specific Gravity (g/cm³)

1.028 ± 0.006

Shelf Life

2 years from DOM

Application

Everkleen 1005 may be used in ultrasonic cleaners, in-line cleaning machines, in dishwashers or wash tubs.

AUTOMATIC IN-LINE CLEANING:

Start-up solution concentration should be 5% by volume. Additional concentrate may be added if a higher level of cleanliness is required with the set conveyor speed.

DISHWASHER:

As a general guideline, Everkleen 1005 concentrate to water should be 3 – 10% by volume. Detergent concentration will depend on the amount of flux deposited on the boards. Recommended water temperature range is 120 – 150 °F (130 °F is optimal start-up temperature). Run the solution through the entire cycle. Temperatures below 120 °F result in longer cleaning times and incomplete residue removal.

Process Control

To ensure a consistent cleanliness level, we recommend checking the pH of the solution and maintain a pH of 10 or above. pH can be maintained by adding more 1005 concentrate to the wash solution. To obtain the highest efficiency, we recommend scale build up on the nozzles and immersion heaters be cleaned regularly. Qualitek® 3173 Descaler may be used for this application. We recommend changing the cleaning solution after 8 hours.

Storage & Shelf Life

Everkleen 1005 Buffered Saponifier should be stored in cool, dry environment. Shelf life is 2 years from date of manufacture.

Packaging

Everkleen 1005 is available in 1 Gallon and 5 Gallon containers and 55 Gallon drums.

Disposal

Everkleen 1005 Saponifier contains hazardous ingredients so should be disposed of in accordance with federal, state and local authority requirements.

Qualitek® is a brand of Qualitek International, Inc. For Health and Safety Information, refer to Safety Data Sheet.