



**Your trusted global partner  
in life-saving research.**

For over 50 years, Allentown has provided critical solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Like everything we do, our unparalleled customer service is stamped with the Allentown hallmarks of integrity, dedication and care.

# Detergents

FOR WASHING EQUIPMENT



OVERVIEW

Providing critical solutions with integrity and care.



## Complete Line of Cage Wash Detergents

The safe and effective cleaning of cages, bottles, enrichment items, and other research-related accessories is essential in maintaining the health and welfare of research animals in facilities across the globe. When using a cage washer, it is paramount that cages are cleaned to the highest levels, removing any and all organic soiling and uric scale deposits to ensure that the cage substrate is removed of all residues prior to being reprocessed into use, or autoclaved. Cleaning animal housing equipment requires a gentle, but effective approach and as a leading global provider of Life Science solutions, Allentown brings more than 50 years of experience to the design of a wide range of cage wash chemical technologies. These detergents work in all animal facilities, and ensure that caging equipment is cleaned to the highest possible standards, while at the same time protecting the cage material.

Detergent	Description	Applications
Allentown Alkali	Alkali detergent using Potassium hydroxide	<b>Rodent cages</b> – with Allentown Rinse <b>Large animal cages</b> – with Allentown Acid ± Allentown Rinse
Allentown Acid	Acid detergent using phosphoric and citric acid	<b>Rodent cages and Bottles</b> – Allentown Acid only ± Allentown Rinse <b>Larger species</b> – Two phase wash cycle with Allentown Alkali ± Allentown Rinse
Allentown Rinse	Neutralising rinse aid using citric acid Assists drying	Neutralise either Allentown Alkali or Allentown Acid When in combination with Allentown Alkali and/or Acid
Allentown Neutral	Ecologically-friendly neutral detergent	Light- to medium-soiled rodent cages and bottles

**ALLENTOWN ALKALI**



## Allentown Alkali

Allentown Alkali is intended for use on rodent or large animal caging with heavy organic soiling. Its unique formulation utilizes non-ionic cleaning to remove stubborn greasy protein and organic residues often associated with Rabbit, Guinea Pig and NHP caging.

### Features

For use in Allentown washers and washers provided by other manufacturers

For cages, accessories, storage and transport racks

Alkaline intensive detergent with a high proportion of dispersants

Reliably removes organic residues such as faeces, blood and proteins

Compatible with stainless steel, polycarbonate, polyetherimide, polysulfone and polyphenylsulfone

Free of phosphates and oxidizing agents

Ingredients are compliant to the provisions of Regulation (EC) No 648/2004 on detergents

The concentrate is classified and labelled according to the CLP Regulation (EC) No 1272/2008, refer to SDS for further information

pH of product as supplied: 14

Available in 10L or 20L canisters

Detergent	Description	Applications
Allentown Alkali	Alkali detergent using Potassium hydroxide	Rodent cages – with Allentown Rinse Large animal cages – with Allentown Acid ± Allentown Rinse <i>Allentown Alkali requires neutralising</i>

**ALLENTOWN ACID**



## Allentown Acid

Allentown Acid is a phosphoric- and citric-acid based detergent that offers exceptional performance in the removal of uric and acid soluble deposits when used in rack or tunnel washers at 55-80 °C. It is extremely effective as a single detergent for small rodent caging and all types of bottles. It is also an effective neutralizer for large animal cage washing when used in a multi-chemical wash cycle consisting of Allentown Alkali and Allentown Acid.

### Features

For use in Allentown washers and washers provided by other manufacturers

For cages, bottles, accessories, storage and transport racks

Acid detergent with a high proportion of dispersants and descaling properties

Reliably removes organic residues and acid soluble deposits

Compatible with stainless steel, polycarbonate, polyetherimide, polysulfone and polyphenylsulfone

Free of the following phosphates: STPP, TKPP and TSP

Without oxidizing agents

Ingredients are compliant to the provisions of Regulation (EC) No 648/2004 on detergents

The concentrate is classified and labelled according to the CLP Regulation (EC) No 1272/2008, refer to SDS for further information

pH of product as supplied: 1.4

Available in 10L or 20L canisters

Detergent	Description	Applications
Allentown Acid	Acid detergent using phosphoric and citric acid	<b>Rodent cages and Bottles</b> – Allentown Acid only ± Allentown Rinse <b>Larger species</b> – Two phase wash cycle with Allentown Alkali ± Allentown Rinse

**ALLENTOWN RINSE**



## Allentown Rinse

Allentown Rinse is intended for use following the washing of rodent caging with Allentown Alkali to ensure that the cages have been neutralised before being reprocessed into use, or autoclaved. This is especially important when washing polycarbonate plastics, which – without the inclusion of an appropriate rinse additive – may experience especially negative impacts when exposed to high temperatures. Allentown Rinse is a specially-formatted, acid-based rinse additive that neutralizes alkali detergents such as Allentown Alkali and provides assisted drying performance within washing systems. Because it employs a naturally-occurring, citric-based acid, Allentown Rinse has less of an environmental impact.

### Features

- For use in Allentown washers and washers provided by other manufacturers
- For cages, bottles, accessories, storage and transport racks
- Acidic rinse aid for neutralizing alkali residues and to assist with drying
- Made with natural occurring acids
- Compatible with stainless steel, polycarbonate, polyetherimide, polysulfone and polyphenylsulfone
- Prevents cracks and crazing during autoclaving

- Free of phosphates
- Ingredients are compliant to the provisions of Regulation (EC) No 648/2004 on detergents
- The concentrate is classified and labelled according to the CLP Regulation (EC) No 1272/2008, refer to SDS for further information
- pH of product as supplied: 2.3
- Available in 10L or 20L canisters

Detergent	Description	Applications
Allentown Rinse	Neutralising rinse aid using citric acid Assists drying	Neutralise either Allentown Alkali or Allentown Acid When in combination with Allentown Alkali and/or Acid

**ALLENTOWN NEUTRAL**



## Allentown Neutral

Allentown Neutral offers exceptional cleaning capabilities for light- to medium-soiled cages and bottles. It has been designed to offer an ecological and economical solution for the removal of small amounts of organic soiling and softened water salt deposits. It also eliminates the need for an acid or neutralizing rinse aid.

### Features

For use in Allentown washers and washers provided by other manufacturers

For cages, bottles, accessories, storage and transport racks

Ecologically friendly neutral detergent

Effective for the removal of light organic soiling associated with small rodent caging

Compatible with stainless steel, polycarbonate, polyetherimide, polysulfone and polyphenylsulfone

Free of phosphates and oxidizing agents

Ingredients are compliant to the provisions of Regulation (EC) No 648/2004 on detergents

The concentrate is classified and labelled according to the CLP Regulation (EC) No 1272/2008, refer to SDS for further information

pH of product as supplied: 8.4

Available in 10L or 20L canisters

Detergent	Description	Applications
Allentown Neutral	Ecologically-friendly neutral detergent	Light- to medium-soiled rodent cages and bottles