

TECHNICAL BULLETIN



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Date of Issue: 4/4/2016

Last revision: February 2016

File C:\Users\Conrado Concepcion\AppData\Local\Temp\WordHelper\MemCleanAL2.docx

MEM CLEAN AL2 pH adjustment for ENZYME CLEANING OF MEMBRANES

MEM CLEAN AL2

Contains greater than <10% Potassium Hydroxide
10-30% Potassium Carbonate

DANGER

Harmful if swallowed

Causes severe skin burns and eye damage.

Wash skin thoroughly after handling. Wear protective gloves/protective clothing/ eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse. Store locked up. Dispose of contents/ container in accordance with local/regional/ national/ international Regulations

EMERGENCY INFORMATION: Additional information is listed in the Material Safety Data Sheet

IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE

BATCH NO. 14684 CONTENTS 1000 L



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MEM CLEAN AL2 is a buffered potassium hydroxide based solution for the CIP cleaning of membranes.

DIRECTIONS: MEM CLEAN AL2 use at 0.5 % to 1.0 % to maintain a mildly alkaline environment of pH 11 or less. Rinse product contacting surfaces with potable water after use.



**UN 1760 CORROSIVE LIQUID, N.O.S.
(POTASSIUM HYDROXIDE) CLASS 8
HAZ CHEM 2R PG II**

MATERIAL & FUNCTION

MEM CLEAN AL2 is a buffered potassium hydroxide based solution for the CIP cleaning of membranes. It enables the pH to be optimized for cleaning sensitive membranes, and it provides a suitable pH for the subsequent application of alkaline protease solutions (such as **MEM CLEAN EC1**).

APPLICATIONS

MEM CLEAN AL2 is suitable for adjusting the pH of CIP solutions used in cleaning

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most membranes utilized in the food industry.

DAIRY INDUSTRY

MEM CLEAN AL2 can be used at concentrations of 0.5 % to 1.0 %. to maintain a mildly alkaline environment of pH 11 or less. The actual level depends on the initial pH of the CIP solution and the pH capacity of the organic load in the system. However the technical representative should consulted advice on particular conditions suited to the membrane in use.

SAFETY NOTE

MEM CLEAN AL2 is an alkaline liquid and corrosive to the skin and eyes in concentrated form. Wear goggles and rubber gloves. Operators should refer to the MSDS for safety precautions.

PACKAGING

15 Litre container.

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***