



BALANCE 5000

TECHNICAL DATA SHEET

Product Description:

BALANCE 5000 is used for buffering and controlling the pH of Advance 12-A Bleach solutions when used for disinfecting and sanitizing applications.

Correctly following the directions will prepare a buffered hypochlorite solution with a controlled pH of 6.5 to 7.2, with a residual free chlorine concentration of 5000ppm.

USE ONLY WITH ADVANCE-12 CHLORINE BLEACH

Directions:

For every 20 Litres of clean water:

Add 715 mL of Advance 12A. Mix.

Rinse measuring cup.

After mixing Advance 12 A to the water, slowly add 715 mL of **Advance Balance-5000 to the water.**

Prepare only as much solution as will be used in one day.

Never use Advance Balance-5000 with any other brand of chlorine bleach. The resulting solution may have adverse and unsatisfactory results. Advance Balance-5000 is formulated exclusively for use with Advance-12 Chlorine Bleach!

CAUTION: When the pH of a chlorine bleach solution is reduced below pH 6.0, chlorine gas may evolve, causing eye & respiratory irritation and discomfort. Test the pH of the solution periodically. To increase the pH, slowly with mixing add a solution of soda ash or baking soda. To reduce the pH, slowly add more Balance-5000.

Warning: Never mix Advance Balance-5000 directly with Advance-12 Chlorine Bleach, dangerous gas will be produced. Rinse measuring or dispensing container thoroughly after each use.

Product Data:

Physical state: liquid

Density: 1.08 kg/L

pH: 1.6-2.2 @ 20°C

Vapour pressure: no data

Boiling point: no data

Freezing point: 0°C

Solubility in water: 100%

Evaporation rate: no data

Odor and appearance: The product is a clear, colourless liquid. Solution. There may be a slight acid like odour above the open liquid.

Features & Benefits:

Available in 20 L pail, 205 L drum.

WHMIS Classification : Class E, Corrosive Liquids

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