



Ecolab Center  
St. Paul, Minnesota 55102

CBC PLUS BOWL CLEANER

61143699

\*MATERIAL SAFETY DATA SHEET\*

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026  
Medical Calls from Outside of the USA: 612 292 4064 (USA)

AIRKEM PROFESSIONAL PRODUCTS  
DIVISION OF ECOLAB INC.  
Ecolab Center, ST. PAUL, MN 55102  
Date of Issue: September 9, 1994

Product Information: Contact  
your local Airkem distributor.  
For local distributor telephone  
number: Call 1-800-247-5362.

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1.0 IDENTIFICATION /

- 1.1 Product Name: CBC PLUS BOWL CLEANER  
1.2 Product Type: Toilet Bowl Cleaner  
1.3 Hazard Rating: Health 2 Fire 0 Reactivity 1

++ SARA 313 Toxic Chemicals, If present, Are Preceded By "#" ++

2.0 HAZARDOUS COMPONENTS /

	(mg/m3)		
	%	PEL	Other
2.1 # Phosphoric acid 7664-38-2	20	1	1

ACGIH STEL = 3

This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.

UNK = Unknown at this time  
STEL = 15 Minute Average

PEL = OSHA 8 Hour Average  
C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Viscous, green liquid; mint odor  
3.2 Solubility in Water: Complete  
3.3 100% pH: 1.3 Use Solution pH: 2.5  
3.4 Initial Boiling Point: 212 deg F  
3.5 Specific Gravity: 1.1

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None  
4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.  
5.2 Conditions to Avoid: Mix only with water. Reacts vigorously with alkaline material; reacts with some metals. Do not mix with chlorinated detergents or sanitizers - will cause hazardous vapors.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Rinse small amounts to sanitary sewer where possible, or mop up and rinse area thoroughly with water.  
6.2 Waste Disposal: Unused product as a waste is Corrosive (D002) by RCRA criteria. Triple rinse container, wrap in newspaper and discard.

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**7.0 HEALTH HAZARD DATA /****DANGER****7.1 Effects of Overexposure to Concentrate:****Skin and Eyes:** Can cause severe irritation, possible chemical burns.**If Swallowed:** Harmful. Can cause chemical burns of mouth, throat and stomach.**If Inhaled:** Vapors cause irritation, including a burning taste, sneezing, coughing and difficulty breathing. People with asthma or other lung problems may be more affected.**7.2 Note:** Use solutions may also be corrosive. See line 9.2.

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**8.0 FIRST AID /****8.1 Eyes:** Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye.

CALL A PHYSICIAN IMMEDIATELY.

**8.2 Skin:** Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.**8.3 If Swallowed:** Rinse mouth at once; then drink 1 or 2 large glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.**8.4 If Inhaled:** Immediately move to fresh air.IMMEDIATELY CALL A POISON CONTROL CENTER, A PHYSICIAN OR  
THE ECOLAB 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026)

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**9.0 PROTECTIVE MEASURES /****9.1 FOR CONCENTRATE:****Respiratory:** Avoid breathing mists or vapors of this product.**Eyes:** Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.**Skin:** Rubber gloves - protective cuff or gauntlet type preferred.**9.2 USE SOLUTIONS:** Avoid contact with use solutions. These may also be hazardous.

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**10.0 ADDITIONAL INFORMATION/PRECAUTIONS /****10.1 DOT:** ORM-D, Consumer Commodity

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

## CBC® PLUS

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### CLASSIFICATION:

- Liquid Acid Bathroom Cleaner

### SCOPE:

- **CBC PLUS** is a mild all purpose cleaner that combines detergent and wetting agents coupled with a phosphoric acid base. Eliminates rust, lime, organic deposits, and offensive odors from wash basins, bathtubs, shower stalls, drinking fountains, glazed tile, porcelain enamel, toilet bowls, and urinals. Formula contains corrosion inhibitors.
- When used as directed, **CBC PLUS** demonstrates effective disinfection against *Staphylococcus aureus* and *Salmonella choleraesuis*. Efficacy tests have demonstrated it to be an effective one-step bowl/tile/porcelain cleaner disinfectant in the presence of organic soil (5% blood serum).
- **CBC PLUS** is recommended for use in commercial or industrial buildings, hotels, and motels.

### USAGE:

#### Directions for use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### TO CLEAN AND DISINFECT

**TOILET BOWLS** – Remove water from bowl by forcing over trap with applicator. Remove excess water from applicator by pressing it against side of bowl. Pour 1 oz. on applicator. Clean entire unit, especially under rim at water outlets. Allow to remain 10 minutes. Flush and rinse out applicator.

**URINALS** – Pour 1 oz. onto mop and apply or squirt directly onto surface. Allow to remain 10 minutes. Flush and rinse out applicator. A preliminary cleaning is necessary for the removal of gross filth prior to disinfection.

**TO CLEAN** – Wash basins, bathtubs, shower stalls, drinking fountains, tile, porcelain enamel, and stainless steel, always dilute with 3 parts water. Do not allow solution to remain on fixtures without immediately thoroughly rinsing with water.

### CHEMICAL PROPERTIES:

• Active Ingredients	Phosphoric Acid	20.00%
	n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%)	
	dimethyl benzyl ammonium chlorides	0.05%
	n-Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%)	
	dimethyl ethylbenzyl ammonium chlorides	0.05%
• pH (100%)	1.3	
• pH (Use-solution)	2.5	
• Specific Gravity	1.1	
• Initial Boiling Point	212°F	
• Solubility in Water	Complete	

### REGULATORY CLAIMS:

- EPA Reg. No. 8155-7-42964

**ECOLAB**

**PHYSICAL PROPERTIES:**

- Appearance                      Green
- Fragrance                        Mint
- State                                Liquid

**ENVIRONMENT & SAFETY:**

- Hazard Rating                      Health - 2            Fire - 0            Reactivity - 1
- Mix only with water.
- Reacts vigorously with alkaline material; reacts with some metals.
- Do not mix with chlorinated detergents or sanitizers – will cause hazardous vapors.

**STABILITY & STORAGE:**

- Stable under normal conditions of handling.

**FIRST AID:**

- **Eyes** - Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. **CALL A PHYSICIAN IMMEDIATELY.**
- **Skin** - Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- **If swallowed** - Rinse mouth at once; then drink 1 or 2 large glasses of water or milk. **DO NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person.
- **If inhaled** - Immediately move to fresh air.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.**

**PACKAGING & PRODUCT NUMBERS:**

Size Available	Product Number
12/32 oz.	61143699

**PROFESSIONAL PRODUCTS DIVISION**

Ecolab Inc., 370 Wabasha Street, St. Paul, MN 55102 U.S.A.  
 5105 Tomken Road, Mississauga, Ont. Canada L4W2X5  
 www.ecolab.com 1-800-451-7191

