

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	CBC PLUS
Other means of identification	:	Not applicable.
Recommended use	:	Toilet Bowl Cleaner
Restrictions on use	:	Reserved for industrial and professional use.
Product dilution information	:	Product is sold ready to use.
Company	:	Ecolab Co. 5105 Tomken Road Mississauga, Ontario Canada L4W 2X5 1-800-352-5326
Emergency health information	:	1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)
Issuing date	:	07/30/2015

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Chie Classification		
Acute toxicity (Oral) Acute toxicity (Inhalation) Acute toxicity (Dermal) Skin corrosion Serious eye damage	:	Category 4 Category 4 Category 4 Category 1A Category 1
GHS Label element		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	Harmful if swallowed, in contact with skin or if inhaled Causes severe skin burns and eye damage.
Precautionary Statements	:	Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.IF SWALLOWED: rinse mouth. Do NOT induce vomiting.IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.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.

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Other hazards	Storage: Store locked u Disposal: Dispose of co	ntents/ container to an a	use. oproved waste disposal plant. ated products – will cause
Section: 3. COMPOSITION/IN	NFORMATION ON	INGREDIENTS	
Pure substance/mixture	: Mixture		
Chemical Name Phosphoric acid n-Alkyl(60% C14, 30% C16, 5' dimethyl benzyl ammonium ch	nlorides	CAS-No. 7664-38-2 53516-76-0	Concentration: (%) 20 0.05
n-Alkyl(68% C12, 32% C14) d ammonium chlorides	ametryletrylbenzyl	85409-23-0	0.05
Section: 4. FIRST AID MEAS	SURES		
In case of eye contact	least 15 minut		r, also under the eyelids, for at ses, if present and easy to do. n immediately.
In case of skin contact	a mild soap if		ater for at least 15 minutes. Use before reuse. Thoroughly clean tion immediately.
If swallowed		with water. Do NOT induction induction of the second second second second second second second second second se	ce vomiting. Never give person. Get medical attention
If inhaled	: Remove to fre	esh air. Treat symptomati	cally. Get medical attention.
Protection of first-aiders	: If potential for protective equ		Section 8 for specific personal
Notes to physician	: Treat symptor	matically.	
Most important symptoms and effects, both acute and delayed	: See Section 1 symptoms.	1 for more detailed inform	mation on health effects and
Section: 5. FIREFIGHTING M	IEASURES		
Suitable extinguishing media		hing measures that are a s and the surrounding en	
Unsuitable extinguishing media	: None known.		

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		nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.
Risk of explosion.	:	Not available.
Section: 6. ACCIDENTAL RE	LE	ASE MEASURES
Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non- combustible absorbent material, (e.g. sand, earth, diatomaceous

containment and cleaning up containment and cleaning up combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section: 7. HANDLING AND STORAGE

Advice on safe handling		Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
		Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Conditions for safe storage	:	Keep away from strong bases. Keep out of reach of children. Store in suitable labeled containers.
Storage temperature	:	5 °C to 50 °C

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Phosphoric acid	7664-38-2	TWA	1 mg/m3	CAD AB OEL
		STEL	3 mg/m3	CAD AB OEL
		TWA	1 mg/m3	CAD BC OEL

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		STEL	3 mg/m3	CAD BC OEL
		VME	1 mg/m3	OEL (QUE)
		STEV	3 mg/m3	OEL (QUE)
Phosphoric acid	7664-38-2	TWA	1 mg/m3	ACGIH
		STEL	3 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		STEL	3 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z1
Engineering measures	below occupa	ust ventilation tional exposure	system. Maintain air d standards.	concentrations
Personal protective equipme	111			
Eye protection	: Wear eye prot	ection/face pro	otection.	
Hand protection	Standard glov Gloves should	Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.		
Skin protection		Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing		
Respiratory protection		When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.		
Hygiene measures	practice. Rem Wash face, ha Provide suitab	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.		

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: cloudy, green
Odour	: sweet
рН	: 1.0, 100 %
Flash point	: Not applicable.
Odour Threshold	: no data available
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: 1.12

Water solubility	:	soluble
Solubility in other solvents	:	no data available
Partition coefficient: n- octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, kinematic	:	no data available
Explosive properties	:	no data available
Oxidizing properties	:	no data available
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Conditions to avoid	:	None known.
Incompatible materials	:	Bases Metals
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of : Inhalation, Eye contact, Skin contact exposure

Potential Health Effects

Eyes	Causes serious eye damage.	
Skin	Causes severe skin burns.	
Ingestion	Harmful if swallowed. Causes digestive tract burns.	
Inhalation	Harmful if inhaled. May cause nose, throat, and lung irrita	ion.
Chronic Exposure	Health injuries are not known or expected under normal u	se.
Experience with human expo	Ire	
Experience with human expo	Ire Redness, Pain, Corrosion	

Inhalation	: Respiratory irritation, Cough
Toxicity	
Acute oral toxicity	: no data available
Acute inhalation toxicity	: 4 h Acute toxicity estimate : 4.69 mg/l
Acute dermal toxicity	: no data available
Skin corrosion/irritation	: no data available
Serious eye damage/eye irritation	: no data available
Respiratory or skin sensitization	: no data available
Carcinogenicity	: no data available
Reproductive effects	: no data available
Germ cell mutagenicity	: no data available
Teratogenicity	: no data available
STOT - single exposure	: no data available
STOT - repeated exposure	: no data available
Aspiration toxicity	: no data available
Components	
Acute oral toxicity	: Phosphoric acid LD50 rat: > 2,000 mg/kg
	n-Alkyl(68% C12, 32% C14) dimethylethylbenzyl ammonium chlorides LD50 rat: 304.5 mg/kg
Components	
Acute dermal toxicity	: Phosphoric acid LD50 rabbit: > 2,000 mg/kg
	n-Alkyl(68% C12, 32% C14) dimethylethylbenzyl ammonium chlorides LD50 rabbit: 1,501 mg/kg

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Environmental Effects	: This product has no known ecotoxicological effects.	
Product		
Toxicity to fish	: no data available	
Toxicity to daphnia and other aquatic invertebrates	: no data available	
Toxicity to algae	: no data available	
Components		
Toxicity to fish	: Phosphoric acid 96 h LC50: 75.1 mg/l	

Components

Toxicity to daphnia and other
aquatic invertebrates: n-Alkyl(68% C12, 32% C14) dimethylethylbenzyl ammonium chlorides
48 h EC50 Daphnia: 0.0058 mg/l

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

no data available

Section: 13. DISPOSAL CONSIDERATIONS		
Disposal methods	: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.	
Disposal considerations	: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re- use empty containers. Dispose of in accordance with local, state, and federal regulations.	

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (TDG) UN number Description of the goods Class Packing group Environmentally hazardous	:	1805 PHOSPHORIC ACID, SOLUTION 8 III No
Sea transport (IMDG/IMO) UN number Description of the goods Class Packing group Marine pollutant	:	1805 PHOSPHORIC ACID SOLUTION 8 III No

Section: 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

The components of this product are reported in the following inventories:

Switzerland. New notified substances and declared preparations :

On the inventory, or in compliance with the inventory

United States TSCA Inventory :

On TSCA Inventory

Canadian Domestic Substances List (DSL) : All components of this product are on the Canadian DSL.

Australia. Industrial Chemical (Notification and Assessment) Act :

On the inventory, or in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand :

On the inventory, or in compliance with the inventory

Japan. ENCS - Existing and New Chemical Substances Inventory :

On the inventory, or in compliance with the inventory

Japan. ISHL - Inventory of Chemical Substances (METI) :

On the inventory, or in compliance with the inventory

Korea. Korean Existing Chemicals Inventory (KECI) :

On the inventory, or in compliance with the inventory

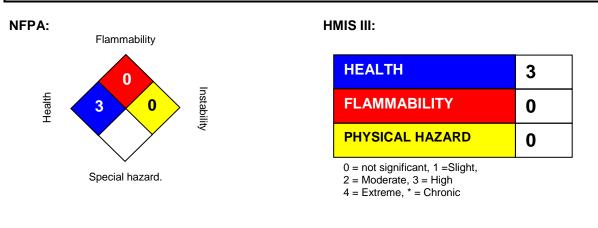
Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

On the inventory, or in compliance with the inventory

China Inventory of Existing Chemical Substances :

On the inventory, or in compliance with the inventory

Section: 16. OTHER INFORMATION



Issuing date	:	07/30/2015
version	:	1.0
Prepared by	:	Regulatory Affairs 1-800-352-5326

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.