

## SECTION 1 - IDENTIFICATION

**Product identifier/Trade name:** IMPACT BOWL CLEANER  
**Product identifier/Trade name:** BBXX  
**Recommended use and restriction on use:** Bathroom cleaner for tiles, tubs and bowls, ready to use  
**Restriction on use:** For industrial, institutional and food plants use only.  
**Initial supplier identifier:** Chemotec (PM) Inc.  
5800 ONTARIO E.  
MONTRÉAL, QC H1N 0A2  
Phone: (514) 729-6321; 1-800-729-6321  
**Emergency phone number:** 1-800-729-6321  
(Available from 8:00am to 4:30pm Monday to Friday)

## SECTION 2 - HAZARDS IDENTIFICATION

**2a WHMIS 2015 - GHS (Globally Harmonized System) classification**

This product is not classified as hazardous under the WHMIS regulation.

**2b Label elements**

Not applicable

**Precautionary statement**

Not applicable

**Signal word:**

Not applicable

**Hazard statement**

Not applicable

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients                   | CAS #      | % (weight) | GHS CLASSIFICATION                                            |
|-------------------------------|------------|------------|---------------------------------------------------------------|
| Citric acid                   | 77-92-9    | 3-7        | Eye irritation, category 2.<br>Skin irritation, category 2    |
| Alcohols, C12-15, ethoxylated | 68131-39-5 | 0.1 - 1    | Acute toxicity, Category 4:<br>Serious eye damage, Category 1 |

The actual concentrations are withheld as a trade secret.

## SECTION 4 - FIRST AID MEASURES

**4a Description of first aid measures****Eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

**Skin contact:**

Wash with plenty of water. Remove contaminated clothing and wash before reusing. In case of skin irritation, get medical advice.

**Inhalation:**

No effect expected.

**Ingestion:**

Rinse mouth with water. Never give anything by mouth if the person is unconscious.

**4b Most important symptoms and effects**

**Eye:** May cause irritation, redness, tears, burning sensation.

**Skin:** May cause irritation.

**Inhalation:** No effect expected.

**Ingestion:** May cause slight irritation, headache, abdominal pain, diarrhoea, nausea and vomiting.

**4c Immediate medical attention and special treatment needed**

No special treatment

**SECTION 5 - FIRE FIGHTING MEASURES****5a Extinguishing media**

Suitable extinguishing media:

Water (if possible, avoid powerful sprays), foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media:

None known.

**Specific hazards for product**

Hazardous combustion products:

Oxides of carbon, nitrogen and other irritating gases.

**Special protective equipment and precautions for firefighters**

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****6a Personal precautions, protective equipment and emergency procedures**

Personal protection:

Avoid contact with eyes. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

**6b Methods and materials for containment and cleaning:**

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

**6c Environmental precautions:**

Product is biodegradable. Do not let large quantities go to the sewers.

## SECTION 7 - HANDLING AND STORAGE

**7a Precautions for Safe handling:**

Avoid contact with eyes. When used as directed, no special precautions.

**7b Condition for safe storage:**

Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.

**7c Special packaging materials:** none.

No incompatibility with most materials found in most workplaces.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**8a Control parameters**

|             | Ontario Time-weighted<br>Average Limit (TWA) | Ontario Short-Term<br>Exposure Limit (STEL) | Notations |
|-------------|----------------------------------------------|---------------------------------------------|-----------|
| Citric acid | None established                             | None established                            |           |

**8b Engineering controls:**

Not required under normal applications.

**8c Individual protection measures**

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

In case of possible contact, wear rubber gloves. Waterproof boots for large spills.

Eye / face protection:

Not required under normal applications. In case of possible contact, wear safety glasses

General hygiene considerations:

**KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                                         |                      |
|-----------------------------------------|----------------------|
| Physical state                          | Viscous liquid       |
| Colour                                  | Green                |
| Odour                                   | Mint                 |
| Melting point and freezing point        | Approximately 0 °C   |
| Boiling point:                          | Approximately 100 °C |
| Flammability                            | N/A                  |
| Lower and upper flammability limit      | N/A                  |
| Flash point                             | None to boil         |
| Auto-ignition temperature               | N/A                  |
| Decomposition temperature               | N/A                  |
| pH                                      | 2.2                  |
| Viscosity:                              | 300 cps @ 24 °C      |
| Solubility in water:                    | Miscible             |
| Partition coefficient – n-octanol/water | N/A                  |

|                                                  |                                              |
|--------------------------------------------------|----------------------------------------------|
| Vapour pressure (mm Hg)                          | Approximately 20 (water)                     |
| Specific gravity or density (water = 1 at 4 °C): | Approximately 1.02g/cm <sup>3</sup> @ 20 °C  |
| Relative vapour density                          | Approximately 1.02 g/cm <sup>3</sup> @ 20 °C |
| Particle characteristics                         | N/A                                          |

## SECTION 10 - STABILITY AND REACTIVITY

### 10a Reactivity:

Not applicable when used as directed.

### 10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

### 10c Possibility of hazardous reactions:

May react with strong alkalis and strong oxidizers.

### 10d Conditions to avoid:

Avoid contact with strong alkalis and strong oxidizers.

### 10e Incompatible materials

Strong alkalis and strong oxidizers.

### 10f Hazardous decomposition products:

With strong acids: heat, water vapour. With strong oxidizers: carbon and nitrogen oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Primary entry route(s):** Eye and ingestion.

**Eye:** May cause irritation, redness, tears, burning sensation.

**Skin:** May cause irritation.

**Inhalation:** No effect expected.

**Ingestion:** May cause slight irritation, headache, abdominal pain, diarrhoea, nausea and vomiting.

### Carcinogenicity:

No ingredient listed by IARC as a possible carcinogen.

**Teratogenicity, mutagenicity, other reproductive effects:** Mutagenic tests have been negative for ingredients

**Skin sensitization:** Ingredients not sensitizing as per OECD 406

**Respiratory tract sensitization:** Not available

**Synergistic materials:** Not available

**Other important hazards:** Not available

**Toxicological data:** The calculated LD<sub>50</sub> for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

| Ingredient                    | LD <sub>50</sub> (route, species)                       | LC <sub>50</sub> # hours (species) |
|-------------------------------|---------------------------------------------------------|------------------------------------|
| Citric acid                   | 8,000 mg/kg (oral, rat)                                 | N/Av                               |
| Alcohols, C12-15, ethoxylated | 1,610 mg/kg (oral, rat)<br>2,500 mg/kg (dermal, rabbit) | N/Av                               |

For more details, refer to Section 3.

## SECTION 12 - ECOLOGICAL INFORMATION

## 12a Ecotoxicity:

| TOXICITY (Fish)               | Results            | Exposure time | Method        |
|-------------------------------|--------------------|---------------|---------------|
| Citric acid                   | Fish: 600-800 mg/L | 96H           | Not available |
| Alcohols, C12-15, ethoxylated | Fish: 1.21 mg/L    | N/A           | Not available |

| TOXICITY (Daphnia)            | Results                 | Exposure time | Method        |
|-------------------------------|-------------------------|---------------|---------------|
| Citric acid                   | 600-800 mg/L            | 48H           | Not available |
| Alcohols, C12-15, ethoxylated | Daphnia magna: 1.3 mg/L | 48H           | Not available |

| TOXICITY (Algae)              | Results                                  | Exposure time | Method        |
|-------------------------------|------------------------------------------|---------------|---------------|
| Citric acid                   | N. seminulum: EC50 12,000 mg/L           | 96H           | Not available |
| Alcohols, C12-15, ethoxylated | Scenedesmus capricornutum: EC50 0.7 mg/L | 96H           | Not available |

**12b Persistence and degradability:** Product is expected to be readily biodegradable as per OECD 301.

**12c Bioaccumulation potential:** Not bio accumulating

**12d Mobility in soil:** There is no test data on this product.

**12e Other adverse effect** No applicable information found

## SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.

For additional information, at the federal level, see <http://www.ec.gc.ca/gdd-mw/default.asp?lang=En&n=39D0D04A-1>

In Alberta, see <http://esrd.alberta.ca/waste/hazardous-waste-management/default.aspx>

In B.C., see <http://www2.gov.bc.ca/gov/topic.page?id=DC31CEF84F634025839C66F7F80164E8>

In Manitoba, see <http://www.gov.mb.ca/conservation/eal/haz-waste/faq/index.html>

In New-Brunswick, see [http://breaudisposal.nb.ca/breaudisposal/prohibited\\_waste.htm](http://breaudisposal.nb.ca/breaudisposal/prohibited_waste.htm)

In NFLD, see [http://www.env.gov.nl.ca/env/env\\_protection/waste/](http://www.env.gov.nl.ca/env/env_protection/waste/)

In Northwest territories, see <http://www.enr.gov.nt.ca/programs/hazardous-waste>

In Nova Scotia, see <http://novascotia.ca/snsmr/paal/nse/paal180.asp>

In Nunavut, see <http://www.nmto.ca/course/other-training/hazardous-waste-management>

In Ontario, see <https://www.ontario.ca/environment-and-energy/hazardous-waste-management-business-and-industry>

In PEI, see <http://www.gov.pe.ca/environment/hazardous-waste>

In Quebec, see <http://www.mdelcc.gouv.qc.ca/matieres/dangereux/>

In Saskatchewan, see <http://www.publications.gov.sk.ca/details.cfm?p=24515>

In Yukon, see [http://www.env.gov.yk.ca/air-water-waste/special\\_waste\\_regs.php](http://www.env.gov.yk.ca/air-water-waste/special_waste_regs.php)

## SECTION 14 - TRANSPORTATION INFORMATION

**Transportation of Dangerous Goods (TDG) in Canada:** Not regulated

UN number: Not applicable

Proper shipping name: Not applicable

Class: Not applicable

Identification number: Not applicable

Packing group:  
Special case:

Not applicable  
Not applicable

**SECTION 15 - REGULATORY INFORMATION****In Canada****WHMIS information:**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

**WHMIS 2015 Classification:** See section 2a

**CEPA information:** Ingredients are listed on the DSL inventory.

**SECTION 16 - OTHER INFORMATION**

**Date of latest revision** 2025 12-18

**References:**

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833.
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

**Abbreviations:**

|       |                                                           |
|-------|-----------------------------------------------------------|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS   | Chemical Abstract Service                                 |
| CEPA  | Canadian Environmental Protection Act                     |
| cps   | Centipoises                                               |
| DSL   | Domestic Substance List                                   |
| HMIS  | Hazardous Material Information System                     |
| IARC  | International Agency for Research on Cancer               |
| LC    | Lethal concentration                                      |
| LD    | Lethal Dosage                                             |
| N/Av  | Not available                                             |
| N/Ap  | Not Applicable                                            |
| NFPA  | National Fire Protection Association                      |
| NIOSH | National Institute for Occupational Safety and Health     |
| NTP   | National Toxicology Program (U.S.A.)                      |
| OSHA  | Occupational Safety and Health Administration (U.S.A.)    |
| PEL   | Permissible Exposure Limit                                |
| TLV   | Threshold Limit Value                                     |
| WHMIS | Workplace Hazardous Materials Information System          |

End of the MSDS