

**1. IDENTIFICATION**

**Product Identifier:** BREWCLEAN PAA **Date:** July 31, 2023

**Product Code:** BREWCLEAN PAA

**Other Name(s):** Sanitizer

**Distributed By:**

**Recommended Use & Restrictions on Use:** Industrial/Commercial Sanitizer

**Manufactured For:** VITATEK CLEANING SOLUTIONS  
#105-810 Clement Avenue  
Kelowna, BC V1Y 0J7

Phone: 800-494-4318  
In case of Emergency Only, phone  
CANUTEC: 613-996-6666

**2. HAZARDS IDENTIFICATION**

**Classification of Mixture:** Eye Damage/Irritation – Category 1  
Skin Corrosion/Irritation – 1  
Oxidizing Liquids – Category 2

**Label Elements:**



Hazard Pictogram(s):

**Signal Word:** DANGER

**Hazard Statements:** Causes severe skin burns and eye damage.  
May cause or intensify fire; oxidizer.  
Harmful if inhaled.  
Harmful if swallowed.

**Precautionary Statements:**

**Prevention:** Wash hands thoroughly after handling.  
Wear protective gloves, protective clothing, and eye/face protection.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep/store away from clothing/flammable materials/combustibles.  
Take precaution to avoid mixing with combustibles/flammables.  
Use only outdoors or in a well-ventilated area.  
Avoid breathing mist/vapours/spray.

**Response:** **IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. If conscious, give 2 glasses of water. Immediately call a poison centre or physician. Do not give anything by mouth to an unconscious person.  
**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.

**IF IN EYES:** Rinse cautiously with water, also under eyelids for at least 15 minutes. Remove contact lenses if present and easy to do after the first 5 minutes. Continue rinsing. Immediately call a poison centre or physician.

**Storage:** Store locked up.  
Store in well-ventilated place.

**Disposal:** Dispose of the contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
Hydrogen Peroxide	10-30%	7722-84-1	
Acetic Acid, glacial	10-30%	64-19-7	
Peracetic Acid	3-7%	79-21-0	

### 4. FIRST AID MEASURES

**Necessary Measures:**

**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or 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 centre or physician.

**Most important symptoms – acute and delayed:**

Causes severe skin burns and eye damage.

**Indication of immediate medical attention and treatment needed, if necessary:**

Not applicable

### 5. FIRE FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:**

Use existing media appropriate for surrounding fire.

**Specific hazards arising from the chemical (e.g.: hazardous combustion products):**

Not applicable

**Specific protective equipment and precautions for firefighters:**

As for surrounding fire. Firefighters should wear full protective clothing and self-contained breathing equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective equipment. See Section 8.

**Environmental precautions:**

Prevent from entering sewers, waterways or low areas.

**Methods and materials for containment and cleaning up:**

Isolate hazard area and restrict access. Small spills: soak up with absorbent material and scoop into containers.

Large spills: Prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

**7. HANDLING AND STORAGE****Precautions for safe handling:**

Do not breathe dusts or mists.

Wash hands thoroughly after handling.

Use only outdoors in a well ventilated area.

Keep only in original packaging.

Do not ingest. Avoid contact with eyes, skin and clothing.

**Conditions for safe storage, including any incompatibilities:**

Store locked up.

Store in a well ventilated place.

Keep container tightly closed.

Store in a well ventilated place. Keep cool.

Keep out of reach of children. Store in a cool, dry place.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****Control Parameters – Exposure limits:**Ingredient:

Hydrogen peroxide

Acetic acid, glacial

Limit:

ACGIH TLV – 1ppm – A3

Short term exposure limit: 15ppm

Long term exposure limit: 10 ppm

Short term EV: 37 mg/m<sup>3</sup>, 15 ppm

Long term EV: 25 mg/m<sup>3</sup>, 10ppm

**Appropriate engineering controls:**

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

**Respiratory protection:**

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

**Other protection:**

Wear protective gloves, protective clothing and eye/face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, colourless liquid
<b>Odour:</b>	Vinegar-like odour
<b>Odour threshold:</b>	<1; 1% solution: 2.5
<b>pH:</b>	1-2
<b>Melting/Freezing point:</b>	Not available
<b>Initial boiling point and range:</b>	Not available
<b>Flash point:</b>	40 C
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapour pressure:</b>	Not available

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<b>Vapour density:</b>	Not available
<b>Relative density (specific gravity):</b>	1.099
<b>Solubility (ies):</b>	Not available
<b>Partition co-efficient n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available

## 10. STABILITY AND REACTIVITY

### Reactivity:

This material is considered to be non-reactive under normal use conditions.

### Chemical stability:

Stable.

### Possibility of hazardous reactions:

Not available.

### Conditions to avoid:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Incompatible materials:

Base

### Hazardous decomposition products:

Not applicable.

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

#### Inhalation:

May cause respiratory tract irritation.

#### Ingestion:

May be harmful if swallowed.

#### Eye contact:

Causes serious eye damage.

#### Skin contact:

Causes severe skin burns and eye damage.

#### Skin absorption:

Not available

#### Mutagenicity:

Not available

#### Carcinogenicity:

This information, if applicable, can be found in Section 2.

#### Reproductive toxicity:

This information, if applicable, can be found in Section 2

#### Sensitization of product:

This information, if applicable, can be found in Section 2

#### Specific Target Organ Toxicity – single exposure:

This information, if applicable, can be found in Section 2

#### Specific Target Organ Toxicity – repeated exposure:

This information, if applicable, can be found in Section 2

#### Toxicological Data:

##### Ingredient

Hydrogen peroxide (35%)  
acetic acid, glacial

##### Data

Oral LD50: 1193 mg/kg (rat)  
Oral LD50: 3310 mg/kg (rat)  
Dermal LD50: 1060 mg/kg (rabbit)  
Inhalation LC50: 11.4 mg/L 4h (rat)

#### Other Toxicological Information on Ingredients

Not applicable

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not available
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<b>Persistence and degradability:</b>	Not available
<b>Bioaccumulative potential:</b>	Not available
<b>Mobility in soil:</b>	Not available
<b>Other adverse effects:</b>	Not available
<b>Ecological Information on Ingredients:</b>	Not available

### 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** All waste must be disposed according to local, provincial and federal regulations.

### 14. TRANSPORT INFORMATION

**TDG Classification:** UN3109 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED; Class 5.2 PG II

### 15. REGULATORY INFORMATION

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

### 16. PREPARATION INFORMATION

**Prepared by:** Technical Services Department, Concept Manufacturing Ltd., Ph: 250-491-5656

**Date of Preparation:** July 31, 2023

**Date of Revision:** New product

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Concept Manufacturing Ltd.

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