

VITATEK CLEANING SOLUTIONS SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: BREWCLEAN CHLOR FOAM **Revision Date:** January 3, 2024
Product Code: 790
Other Name(s):
Distributed By:
Recommended Use & Restrictions on Use: High Foaming Chlorinated Cleaner

Manufactured By: VITATEK CLEANING SOLUTIONS **Phone:** 250-491-5656
#105-810 Clement Avenue **In case of Emergency Only, phone**
Kelowna, BC V1Y 0J7 **CANUTEC:** 613-996-6666

2. HAZARDS IDENTIFICATION

Classification of Mixture: Eye Damage/Irritation – Category 2
Skin Corrosion/Irritation – Category 2
Specific Target Organ Toxicity (Single Exposure) – Category 3

Label Elements:



Hazard Pictogram(s):

Signal Word: WARNING

Hazard Statements: May cause eye or skin irritation.
Harmful if swallowed.

Precautionary Statements:

Prevention: Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, and eye/face protection.
Use only outdoors or in a well-ventilated area.
Keep only in original packaging.

Response: **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.

Storage: Store in well ventilated place.
Keep container tightly sealed.

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

VITATEK CLEANING SOLUTIONS SAFETY DATA SHEET

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> |
|----------------------|--------------|--------------|---------------------|
| Sodium Hypochlorite | 1-3% | 7681-52-9 | |
| Sodium Metasilicate | 5-10% | 6834-92-0 | |
| Potassium Hydroxide | 8-12% | 1310-58-3 | |
| Surfactant (green) | 2-5% | NA | |

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 serious eye damage.

Causes mild skin burns and eye damage.

May cause respiratory irritation.

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

Not applicable

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

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

Will cause formation of flammable hydrogen gas.

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 in a well ventilated place.
- Keep container tightly closed.
- Keep out of reach of children. Store in a cool, dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters – Exposure limits:

| <u>Ingredient:</u> | <u>Limit:</u> |
|---------------------|-------------------------|
| Sodium Metasilicate | ACGIH – TWA: 2mg per m3 |
| Sodium Carbonate | Not available |
| Potassium Hydroxide | ACGIH – TWA: 2mg per m3 |

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

| | |
|--|-------------------|
| Appearance: | Opaque liquid |
| Odour: | Mild bleach odour |
| Odour threshold: | Not available |
| pH: | 12-14 |
| Melting/Freezing point: | Not available |
| Initial boiling point and range: | Not available |
| Flash point: | Not available |
| Evaporation rate: | Not available |
| Flammability (solid, gas): | Not available |
| Upper/lower flammability or explosive limits: | Not available |
| Vapour pressure: | Not available |
| Vapour density: | Not available |
| Relative density (specific gravity): | Not available |
| Solubility (ies): | Complete |
| Partition co-efficient n-octanol/water: | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Viscosity: | Not available |

VITATEK CLEANING SOLUTIONS SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Reactivity:

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

Possibility of hazardous reactions:

Stable.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

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 mild 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

Sodium Metasilicate

Sodium Carbonate

Potassium Hydroxide

Data

Oral LD50: 1280 mg/kg (rat)

Oral LD50: 3,120 mg/kg (rat))

Oral LD50: 365 mg/kg (rat)

Other Toxicological Information on Ingredients

Not applicable

12. ECOLOGICAL INFORMATION

| | |
|---|---------------|
| Ecotoxicity: | Not available |
| Persistence and degradability: | Not available |
| Bioaccumulative potential: | Not available |
| Mobility in soil: | Not available |
| Other adverse effects: | Not available |
| Ecological Information on Ingredients: | Not available |

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose all waste according to local, provincial and federal regulations.

VITATEK CLEANING SOLUTIONS SAFETY DATA SHEET

14. TRANSPORT INFORMATION

TDG Classification: NON-REGULATED

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: January 3, 2024

Date of Revision: January 3, 2024

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Concept Manufacturing Ltd.

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