

Safety Data Sheet

1. IDENTIFICATION

Product Identifier: ALL PURPOSE BREWERY CLEANER **Date of Revision:** March 01, 2026
Product Code: T660
Other Name(s): ALL PURPOSE BREWERY CLEANER
Distributed By: not applicable
Recommended Use and Restrictions on Use: CIP cleaner & sanitizer
Manufactured By: Ostrem Chemical Co. Ltd. **Phone/Emergency Phone:**
2310 - 80th Avenue NW 780-440-1911
Edmonton, Alberta, Canada T6P 1N2 Mon. - Fri. 8:00am - 4:30pm MT
www.ostrem.com

2. HAZARDS IDENTIFICATION

Classification of the Mixture: Acute Toxicity, Oral - Category 4
Serious Eye Damage/Irritation - Category 1
Oxidizing Solids - Category 3
Skin Corrosion/Irritation - Category 1
Specific Target Organ Toxicity (Single Exposure) - Category 3

Label Elements:

Hazard Pictogram(s):



Signal Word: DANGER

Hazard Statement(s): Harmful if swallowed.
Causes serious eye damage.
May intensify fire; oxidizer.
Causes severe skin burns and eye damage.
May cause respiratory irritation.

Precautionary Statement(s):

Prevention: Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid breathing dust, vapours or spray.
Use only outdoors or in a well-ventilated area.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep away from clothing and other combustible materials.
Wear protective gloves, protective clothing, and eye/face protection.

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 locked up.
Store in a well-ventilated place.
Keep container tightly closed.

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

Physical/health hazards not otherwise classified:

not applicable

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3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc. w/w</u>	<u>CAS #</u>	<u>Common Names</u>
sodium metasilicate	30 - 60%	6834-92-0	
sodium percarbonate	30 - 60%	15630-89-4	

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, both acute and delayed:

- Harmful if swallowed.
- Causes serious eye damage.
- Causes severe skin burns and eye damage.
- May cause respiratory irritation.

Indication of immediate medical attention and special 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):

May liberate oxides of carbon, sodium and silicon.

Special 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 inert 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.
- Do not eat, drink or smoke when using this product.
- Avoid breathing dust, vapours or spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from clothing and other combustible materials.
- Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities:

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters - Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
sodium metasilicate	not available
sodium percarbonate	not available

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

Physical State:	granular powder
Colour:	Blue
Odour:	characteristic odour
Melting Point and Freezing Point:	not available
Boiling point, or initial boiling point and boiling range:	not available
Flammability:	not available
Lower and upper explosion limit or lower and upper flammability limit:	not available
Flash point:	not applicable
Auto-ignition temperature:	not available
Decomposition temperature:	not available
pH:	1% sol. 11.5 - 12.5
Kinematic viscosity:	not available
Solubility:	10%
Partition coefficient - n-octanol/water (logarithmic value):	not available
Vapour density:	not available
Density and Relative density:	1.000
Vapour pressure:	not available
Particle Characteristics:	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:

Reacts with acids

Conditions to avoid (e.g.: static discharge, shock or vibration):

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

Incompatible materials:

Acid

Hazardous decomposition products:

not available

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11. TOXICOLOGICAL INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation: In case of prolonged exposure, risk of sore throat, nose bleeds and chronic bronchitis. At high concentrations-may cause cough. Slight nose and throat irritation.

Ingestion: Harmful if swallowed.

Eye contact: Causes serious eye damage.

Skin contact: Causes severe skin burns and eye damage.

Skin absorption: not available

POTENTIAL CHRONIC HEALTH EFFECTS

Inhalation: not available

Ingestion: not available

Eye contact: not available

Skin contact: not available

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 percarbonate

Data:

Oral LD50: 1153 mg/kg (rat)
Oral LD50: 1034 mg/kg (rat)

Other Toxicological Information on Ingredients:

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): 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: Disposal of all waste must be done according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TDG classification: UN 3085; OXIDIZING SOLID, CORROSIVE, N.O.S. (SODIUM CARBONATE PEROXYHYDRATE, DISODIUM TRIOXOSILICATE); CLASS 5.1 (8); PG III

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, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

Date of Preparation: March 01, 2026

Date of Revision: March 01, 2026

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

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