# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** BOSS PRESSURE WASH
**Date of Revision:** March 01, 2026
**Product Code:** D330
**Other Name(s):** BOSS PRESSURE WASH
**Distributed By:** not applicable
**Recommended Use and Restrictions on Use:** detergent

**Manufactured By:** Ostrem Chemical Co. Ltd.
2310 - 80th Avenue NW
Edmonton, Alberta, Canada T6P 1N2
www.ostrem.com

Phone/Emergency Phone:
780-440-1911
Mon. - Fri. 8:00am - 4:30pm MT

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Eye Damage/Irritation - Category 2A
Skin Corrosion/Irritation - Category 2

**Label Elements:**

Hazard Pictogram(s):



Signal Word: WARNING

**Hazard Statement(s):** Causes serious eye irritation.
Causes skin irritation.

**Precautionary Statement(s):**

Prevention: Wash hands thoroughly after handling.
Wear protective gloves and eye protection.

Response: IF IN EYES: 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.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.

Storage: not applicable

Disposal: not applicable

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

not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Conc. w/w | CAS # | Common Names |
|---|---|---|---|
| sodium metasilicate | 1 - 5% | 6834-92-0 | |

## 4. FIRST-AID MEASURES

**Necessary Measures:**

IF IN EYES: 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.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.
IF SWALLOWED: Do not induce vomiting. Call a poison centre or physician if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Most important symptoms, both acute and delayed:**

Causes serious eye irritation.
Causes skin 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 carbon monoxide, carbon dioxide and oxides of sodium.

**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:**

Wash hands thoroughly after handling.
Do not ingest. Avoid contact with eyes, skin and clothing.

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

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters - Exposure limits:**

| Ingredient: | Limit: |
|---|---|
| sodium metasilicate | 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 and eye protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Physical State:** | liquid |
| **Colour:** | Green |
| **Odour:** | not available |
| **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:** | 12.0; 1% solution: 9.5 |
| **Kinematic viscosity:** | not available |
| **Solubility:** | complete |
| **Partition coefficient - n-octanol/water (logarithmic value):** | not available |
| **Vapour density:** | not available |
| **Density and Relative density:** | 1.022 |
| **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:**

not available

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

not applicable

**Incompatible materials:**

Oxidizers / Acid

**Hazardous decomposition products:**

not available

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL ACUTE HEALTH EFFECTS**

| | |
|---|---|
| **Inhalation:** | May cause respiratory tract irritation. |
| **Ingestion:** | May be harmful if swallowed. |
| **Eye contact:** | Causes serious eye irritation. |
| **Skin contact:** | Causes skin irritation. |
| **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: | Data: |
|---|---|
| sodium metasilicate | Oral LD50: 1153 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:** 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, 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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