# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** AUTOWASH 2 (ALKALI)
**Date of Revision:** March 01, 2026
**Product Code:** B269
**Other Name(s):** AUTOWASH 2 (ALKALI)
**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:**
Carcinogenicity - Category 2
Corrosive to Metals - Category 1
Serious Eye Damage/Irritation - Category 1
Skin Corrosion/Irritation - Category 1

**Label Elements:**
Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statement(s):**
Suspected of causing cancer.
May be corrosive to metals.
Causes serious eye damage.
Causes severe skin burns and eye damage.

**Precautionary Statement(s):**

Prevention:
Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves, protective clothing and eye/face protection.
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.
If exposed or concerned: Get medical advice.
Absorb spillage to prevent material-damage.

Storage:
Store locked up.
Store in a corrosion resistant container with a resistant inner liner.

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

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Conc. w/w | CAS # | Common Names |
|---|---|---|---|

| | | | |
|---|---|---|---|
| laurylamine oxide (30) | 5 - 10% | 1643-20-5 | |
| sodium hydroxide (50%) | 10 - 30% | 1310-73-2 | caustic soda, lye |
| trisodium nitrilotriacetate | 3 - 7% | 5064-31-3 | NTA |

## 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.
If exposed or concerned: Get medical advice.
Absorb spillage to prevent material-damage.

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

Suspected of causing cancer.
Causes serious eye damage.
Causes severe skin burns and eye damage.

**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:**

Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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 locked up.
Store in a corrosion resistant container with a resistant inner liner.
Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters - Exposure limits:**

| Ingredient: | Limit: |
|---|---|
| laurylamine oxide (30) | not available |
| sodium hydroxide (50%) | ACGIH TLV: 2 mg/m3 |
| trisodium nitrilotriacetate | 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:** | liquid |
| **Colour:** | Dark Purple |
| **Odour:** | pleasant-smelling |
| **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:** | 13+ |
| **Kinematic viscosity:** | not available |
| **Solubility:** | complete |
| **Partition coefficient - n-octanol/water (logarithmic value):** | not available |
| **Vapour density:** | not available |
| **Density and Relative density:** | 1.179 |
| **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 and metals

**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 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: | Data: |
|---|---|
| laurylamine oxide (30) | not available |
| sodium hydroxide (50%) | not available |
| trisodium nitrilotriacetate | Oral LD50: 1450 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 1824; SODIUM HYDROXIDE SOLUTION; CLASS 8; 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, 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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