

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** NATURAL FOAM WASH  
**Product Code:** I337  
**Other Name(s):**  
**Distributed By:**  
**Recommended Use and Restrictions on Use:** HD EQUIPMENT CLEANING  
**Manufactured By:** Ostrem Chemical Co. Ltd.  
2310 - 80th Avenue NW  
Edmonton, Alberta, Canada T6P 1N2  
www.ostrem.com

**Date of Revision:** April 04, 2019  
**Phone:** 780-440-1911  
**In Case of Emergency Only, Phone**  
**CANUTEC:** 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Acute Toxicity, Oral - Category 4  
Eye Damage/Irritation - Category 1  
Flammable Liquids - Category 3  
Skin Corrosion/Irritation - Category 1

**Label Elements:**

**Hazard Pictogram(s):**



**Signal Word:** DANGER

**Hazard Statement(s):** Harmful if swallowed.  
Causes serious eye damage.  
Flammable liquid and vapour.  
Causes severe skin burns and eye damage.

**Precautionary Statement(s):**

**Prevention:** Wear protective gloves, protective clothing, and eye/face protection.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**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 cool.

**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

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
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sodium hydroxide	1 - 5%	1310-73-2	caustic soda
tetrasodium salt of ethylene diamine tetraacetic acid (40%)	30 - 60%	64-02-8	
isopropanol (99%)	10 - 30%	67-63-0	isopropyl alcohol
alkyl benzenesulfonic acid (60-100%)	7 - 13%	68584-22-5	
monoethanolamine	3 - 7%	141-43-5	

## 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.

### 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):

Combustion may liberate oxides of sodium, nitrogen, carbon and sulphur.

### 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 eat, drink or smoke when using this product.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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 cool.
- Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

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<u>Ingredient:</u>	<u>Limit:</u>
sodium hydroxide	ACGIH: 2 mg/m3
tetrasodium salt of ethylene diamine tetraacetic acid (40%)	not available
isopropanol (99%)	ACGIH TWA: 200 ppm STEL 400 ppm
alkyl benzenesulfonic acid (60-100%)	not available
monoethanolamine	ACGIH TWA: 6 ppm ACGIH STEL: 6 ppm

## 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 (physical state, colour etc.):</b>	light yellow
<b>Odour:</b>	isopropanol
<b>Odour threshold:</b>	not available
<b>pH:</b>	13.5+
<b>Melting/Freezing point:</b>	0
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	38
<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
<b>Vapour density:</b>	not available
<b>Relative density (specific gravity):</b>	1.062
<b>Solubility(ies):</b>	miscible
<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 applicable.

### 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:

Oxidizers / Acid

### Hazardous decomposition products:

not available

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL ACUTE HEALTH EFFECTS

**Inhalation:** May cause respiratory tract irritation.

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**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:

<u>Ingredient:</u>	<u>Data:</u>
sodium hydroxide	not available
tetrasodium salt of ethylene diamine tetraacetic acid (40%)	Oral LD50: 1000 mg/kg (rat)
isopropanol (99%)	not available
alkyl benzenesulfonic acid (60-100%)	Oral LD50: 530 mg/kg (rat)
monoethanolamine	Oral LD50: 1089 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 2924; FLAMMABLE LIQUID, CORROSIVE, N.O.S. (ISOPROPANOL, SODIUM HYDROXIDE); CLASS 3 (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:** April 04, 2019  
**Date of Revision:** April 04, 2019

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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