

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** PAC-260 NON-FOAMING CLEANER **Date of Revision:** January 22, 2021  
**Product Code:**  
**Other Name(s):** not applicable  
**Distributed By:** PSSI CHEMICAL INNOVATIONS  
**Recommended Use and Restrictions on Use:** ALUMINUM-SAFE FOOD PLANT DEGREASER  
**Manufactured By:** Ostrem Chemical Co. Ltd. Phone: 780-440-1911  
2310 - 80th Avenue NW In Case of Emergency Only, Phone  
Edmonton, Alberta, Canada T6P 1N2 CANUTEC: 613-996-6666  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Eye Damage/Irritation - Category 1  
Skin Corrosion/Irritation - Category 1

**Label Elements:**

Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statement(s):** Causes serious eye damage.  
Causes severe skin burns and eye damage.

**Precautionary Statement(s):**

Prevention: Wash hands thoroughly after handling.  
Wear eye/face protection.  
Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Wear protective gloves, protective clothing, and eye/face protection.

Response: 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 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.

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>
potassium hydroxide (45%)	3 - 7%	1310-58-3	caustic potash, lye
sodium metasilicate (58%)	5 - 10%	6834-92-0	
glycol ether DB	3 - 7%	112-34-5	

## 4. FIRST-AID MEASURES

not applicable

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## Necessary Measures:

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 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:

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 oxides of carbon, nitrogen and phosphorus.

### 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 breathe dusts or mists.

Wash hands thoroughly after handling.

Do not ingest. Avoid contact with eyes, skin and clothing.

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

Store locked up.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

#### Ingredient:

potassium hydroxide (45%)

sodium metasilicate (58%)

glycol ether DB

#### Limit:

ACGIH Ceiling: 2 mg/m<sup>3</sup>

not available

not available

### Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

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**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>	clear, light yellow liquid
<b>Odour:</b>	mild
<b>Odour threshold:</b>	not available
<b>pH:</b>	13.0 - 13.5
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	not applicable
<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>	1.075
<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):**

not applicable

**Incompatible materials:**

Acid

**Hazardous decomposition products:**

not available

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL ACUTE HEALTH EFFECTS**

<b>Inhalation:</b>	Inhalation of mist may cause damage to nasal and respiratory passages. Irritation may lead to chemical pneumonitis and pulmonary edema.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Eye contact:</b>	Causes serious eye damage.
<b>Skin contact:</b>	Causes severe skin burns and eye damage.
<b>Skin absorption:</b>	not available

**POTENTIAL CHRONIC HEALTH EFFECTS**

<b>Inhalation:</b>	not available
<b>Ingestion:</b>	not available
<b>Eye contact:</b>	not available
<b>Skin contact:</b>	not available
<b>Skin absorption:</b>	not available

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<b>Mutagenicity:</b>	not available
<b>Carcinogenicity:</b>	This information, if applicable, can be found in Section 2.
<b>Reproductive toxicity:</b>	This information, if applicable, can be found in Section 2.
<b>Sensitization of product:</b>	This information, if applicable, can be found in Section 2.
<b>Specific Target Organ Toxicity - single exposure:</b>	This information, if applicable, can be found in Section 2.
<b>Specific Target Organ Toxicity - repeated exposure:</b>	This information, if applicable, can be found in Section 2.

## Toxicological Data:

### Ingredient:

potassium hydroxide (45%)  
sodium metasilicate (58%)  
glycol ether DB

### Data:

Oral LD50: 273 mg/kg (rat)  
Oral LD50: 1153 mg/kg (rat)  
not available

## Other Toxicological Information on Ingredients:

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity (aquatic and terrestrial, where available):</b>	not available
<b>Persistence and degradability:</b>	not available
<b>Bioaccumulative potential:</b>	not available
<b>Mobility in soil:</b>	not available
<b>Other adverse effects:</b>	not available
<b>Ecological Information on Ingredients:</b>	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 1760; CORROSIVE LIQUID, N.O.S. (POTASSIUM HYDROXIDE, SODIUM TRIOXOSILICATE); 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:** January 22, 2021  
**Date of Revision:** January 22, 2021

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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