

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ACCUCLEAN 275  
**Chemical Name** Alkaline detergent solution

### Recommended use of the chemical and restrictions on use

**Recommended use** Alkaline degreaser  
**Restrictions on use** For industrial use only

### Supplier details

West Penetone Inc. 11411-160 Street  
Edmonton, AB,  
T5M3T7  
Tel: 780-454-3919

### Emergency Telephone Number

(780) 454-3919 (Mon – Fri, 8 AM – 4:30 PM, Mountain time)

## 2. HAZARDS IDENTIFICATION

### Classification

Corrosive to metals	Category 1
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

### Label Elements

#### DANGER

#### Hazard Statements

May be corrosive to metals.  
Causes severe skin burns and eye damage.  
Causes serious eye damage.



### Precautionary Statements - Prevention

Keep only in original container.  
Do not breathe mists.  
Wash face, hands, and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or physician.  
Absorb spillage to prevent material damage.

### Precautionary Statements - Storage

Store locked up in a closed, corrosion resistant container.

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
sodium hydroxide	1310-73-2	1 – 5*
sodium metasilicate	6834-92-0	3 – 7*
diethylene glycol monobutyl ether	112-34-5	1 – 5*
alcohols, C9-11, ethoxylated	68439-46-3	1 – 5*
sodium lauryl ether sulfate	13150-00-0	1 – 5*

\*Actual concentration is withheld as a trade secret

**4. FIRST AID MEASURES**

<b>Ingestion:</b>	Do not induce vomiting unless directed by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water and call a POISON CENTER or doctor/physician immediately.
<b>Skin contact:</b>	Take off contaminated clothing and rinse skin with plenty of water. Wash any contaminated clothing before re-use. Call a doctor/physician.
<b>Inhalation:</b>	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician immediately.

**Most important symptoms and effects, both acute and delayed.**

Contact with eyes may cause serious irritation leading to discomfort or pain, redness, swelling, and blurred vision. Contact with skin may cause severe burns or irritation with local redness.

**Indication of any immediate medical attention and special treatment needed.**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and sulfur and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment.

### Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up.

Contain and solidify with inert absorbent materials. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage:** Store away from incompatible materials. Keep from freezing

**Incompatible Materials:** Aluminium, magnesium, tin and other soft metals, strong oxidizing agents and acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
diethylene glycol monobutyl ether CAS 112-34-5	TWA: 10 ppm	Not available	Not available

### Appropriate engineering controls

**Engineering Controls:** Under the intended modes of use, exposure control measures are not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection:** Safety glasses with side shields or goggles. Use a face-shield where mode of handling increases risk of splashing.

**Skin and body protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** Wear respiratory protection if ventilation is inadequate.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:**

Red liquid

**ODOR:**

Mild, detergent

**ODOR THRESHOLD:**

Not available

**pH:**

12.0 – 13.0 (10% v/v solution in water)

**MELTING POINT / FREEZING POINT:**

Approx. 0°C

**BOILING POINT/BOILING RANGE:**

Approx. 100°C

**FLASH POINT:**

None

**EVAPORATION RATE, water = 1**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**VAPOR PRESSURE, mm Hg AT 20°C:**

Not available

**VAPOR DENSITY (Air = 1):**

Not available

**RELATIVE DENSITY AT 20°C:**

1.072-1.092

**SOLUBILITY IN WATER:**

Complete

**PARTITION COEFFICIENT, N-OCTANOL/WATER:**

Not available

**AUTO-IGNITION TEMPERATURE:**

None

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

Not available

**FLAMMABLE LIMITS:****UPPER:** Not applicable **LOWER:** Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity**

Stable under normal conditions of storage and use. Concentrated solutions of the product will react with aluminum, magnesium, zinc and other soft metal alloys with the generation of hydrogen.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid**

Store away from incompatible materials. Keep from freezing.

**Incompatible Materials**

Aluminium, magnesium, tin and other soft metals, strong oxidizing agents and acids.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**ATE<sub>mix</sub>** – LD50 oral >2000 mg/kg (rat), LD50 dermal >2000 mg/kg (rabbit), LC50 inhalation >5 mg/L

Not classified, not an acutely toxic mixture.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide CAS 1310-73-2	Not listed	Not listed	Not listed
Sodium metasilicate CAS 6834-92-0	1280 mg/kg (rat)	Not listed	Not listed
diethylene glycol monobutyl ether CAS 112-34-5	4500 mg/kg (rat)	>2764 mg/kg (rabbit)	>29 mg/L, 2 h (rat)
alcohols, C9-11, ethoxylated CAS 68439-46-3	1280 mg/kg (rat)	2000 mg/kg (rat)	Not listed
Sodium lauryl ether sulfate CAS 68585-34-2	4100 mg/kg (rat)	>2000 mg/kg (rat)	Not listed

**Information on likely sources of exposure**

Ingestion	Can cause severe burns to mouth and throat if ingested.
Skin corrosion/irritation	Can cause severe skin burns or skin irritation.
Inhalation	Expected to be a low inhalation hazard.
Serious eye damage/irritation	Can cause serious eye irritation or eye damage leading to temporary or permanent blindness.

**Delayed and immediate effects and chronic effects from short and long-term exposure**

Respiratory or skin sensitization	Not a sensitizer.
Germ cell mutagenicity	None known.
Carcinogenicity	None known.
Reproductive toxicity	None known.
STOT - single exposure	None known.
Aspiration Hazard	None known.

**Symptoms related to the physical, chemical and toxicological characteristics.**

Eye damage, skin burns or skin irritation.

**12. ECOLOGICAL INFORMATION****Persistence and degradability**

Expected to be readily biodegradable

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available

**Other adverse effects**

This product contains ingredients that are harmful to aquatic life. Do not release, untreated, into natural waters.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION**

UN Number:	3266
UN Proper Shipping Name:	Corrosive Liquid, Basic, Inorganic, N.O.S (contains sodium hydroxide)
Transport Hazard Class(es)	
Class:	TDG: 8
	US DOT: 8
	IMDG: 8
Label(s):	8
Packing Group:	II
Marine Pollutant:	No

Special precautions for user: None established

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not determined.

**15. REGULATORY INFORMATION**

## Canada (DSL/NDSL)

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

## United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

**16. OTHER INFORMATION****Preparation Date**

March 23, 2023

**Revision Date**

July 7, 2025

**Revision Note**

Contact information updated, UN number and shipping name updated.

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**