

## 1. IDENTIFICATION

### Product Identifier

**Product Name** STEAM N CLEAN  
**Chemical Name** Detergent solution

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

**Recommended use** All-purpose cleaner and 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

Serious eye damage/eye irritation	Category 1
Skin corrosion/irritation	Category 3

### Label Elements

#### **DANGER**

#### **Hazard Statements**

Causes serious eye damage  
Causes mild skin irritation



### Precautionary Statements - Prevention

Wear protective gloves, protective clothing, and eye protection or face protection.

### Precautionary Statements - 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 CENTER or doctor/physician.

IF SKIN irritation occurs: Get medical advice/attention.

### Precautionary Statements - Storage

Store locked up.

### 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 %
Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	1 – 5*
Alcohols, C9-11, ethoxylated	68439-46-3	1 – 5*
Ethoxylated coco alkylbis(hydroxyethyl)methyl ammonium chlorides	61791-10-4	1 – 5*

\*Actual concentration is withheld as a trade secret

**4. FIRST AID MEASURES**

<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin contact:</b>	Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Inhalation:</b>	If difficulties occur after mist, vapors, or spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention immediately.

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

Contact with eyes may cause serious damage or irritation leading to discomfort, redness, swelling or blindness. Contact with skin may cause mild irritation after exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**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.

**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 inhalation of mist, vapors, or spray. Avoid contact with skin, eyes, and clothing. Use personal protective equipment.

### Conditions for safe storage, including any incompatibilities

**Storage:** Keep containers tightly closed away in a dry, cool, and well-ventilated place, away from incompatible materials.

**Incompatible Materials:** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

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

### Appropriate engineering controls

**Engineering Controls:** None for normal use.

### 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:** Not required for normal use.

**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:**

Blue liquid

**ODOR:**

Mild, detergent

**ODOR THRESHOLD:**

Not available

**pH:**

10.0 – 11.0

**MELTING POINT / FREEZING POINT:**

Not available

**BOILING POINT/BOILING RANGE:**

Approximately 100 °C

**FLASH POINT:**

Not applicable

**EVAPORATION RATE, water = 1:**

&lt;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:**

1.010 – 1.030

**SOLUBILITY IN WATER:**

soluble

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

Not available

**AUTO-IGNITION TEMPERATURE:**

Not available

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

Not available

**FLAMMABLE LIMITS:**

Not available

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive.

**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.

**Incompatible Materials**

Strong oxidizing materials.

**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 > 5000 mg/kg (rabbit), LC50 inhalation – not available

Not classified as an acutely toxic mixture.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Tetrasodium ethylenediamine-tetraacetate CAS64-02-8	>3000 mg/kg (rat)	>4000 mg/kg (rabbit)	Not listed
Alcohols, C9-11, ethoxylated 68439-46-3	>1200 mg/kg (rat)	>2000 mg/kg (rat)	Not listed
Ethoxylated coco alkylbis(hydroxyethyl)methyl ammonium chlorides 61791-10-4	580 mg/kg (rat)	Not listed	Not listed

**Information on likely sources of exposure**

Ingestion	May cause stomach pains, nausea, diarrhea other delayed effects.
Skin corrosion/irritation	May causes skin irritation and other allergic reactions
Inhalation	May cause respiratory irritation.
Serious eye damage/irritation	May cause serious eye damage or irritation with redness, swelling pain or blindness.

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

Respiratory or skin sensitization	None known.
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.**

If in eyes, redness, swelling, pain, blurred vision or blindness may occur.

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

Expected to be inherently 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:	Not regulated
UN Proper Shipping Name:	Not regulated
Transport Hazard Class(es)	
Class:	TDG: Not regulated US DOT: Not regulated IMDG: Not regulated
Label(s):	Not regulated
Packing Group:	Not applicable
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**

April 26, 2023

**Revision Date**

July 11, 2025

**Revision Note**

Emergency contact information 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**