

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** HYTECH 2000  
**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)  
CANUTEC 1-613-996-6666 Internationally or 1-888-226-8832 – North America FOR 24 HOUR TRANSPORT EMERGENCY

## 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	3 – 7*
Alcohols, C9-11, ethoxylated	68439-46-3	1 – 5*
Ethoxylated coco alkylbis(hydroxyethyl)methyl ammonium chlorides	61791-10-4	0.1 – 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-green 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:**

1.058 – 1.078

**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	>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

<b>Information on likely sources of exposure</b>	
<b>Ingestion</b>	May cause stomach pains, nausea, diarrhea other delayed effects.
<b>Skin corrosion/irritation</b>	May causes skin irritation and other allergic reactions
<b>Inhalation</b>	May cause respiratory irritation.
<b>Serious eye damage/irritation</b>	May cause serious eye damage or irritation with redness, swelling pain or blindness.

<b>Delayed and immediate effects and also chronic effects from short and long-term exposure</b>	
<b>Respiratory or skin sensitization</b>	None known.
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	None known.
<b>Reproductive toxicity</b>	None known.
<b>STOT - single exposure</b>	None known.
<b>Aspiration Hazard</b>	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**

<u>Preparation Date</u>	March 24, 2023
<u>Revision Date</u>	Not applicable
<u>Revision Note</u>	Not applicable

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**