

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** BIOTREAT  
**Chemical Name** Microbial cleaning solution

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

**Recommended use** Bacterial treatment for oil and grease waste.  
**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**

Not Classified. This material is not considered hazardous by the Hazardous Products Regulations

**Label Elements**

**Hazard Statements**  
Not applicable

**Precautionary Statements - Prevention**

Not applicable

**Precautionary Statements - Response**

Not applicable

**Precautionary Statements - Storage**

Not applicable.

**Precautionary Statements - Disposal**

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

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

#### 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 doctor/physician.
<b>Skin contact:</b>	Take off contaminated clothing and rinse skin with plenty of water. If skin irritation occurs, get medical advice/attention. Wash any contaminated clothing before re-use.
<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 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. If eye irritation persists, get medical attention.

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

Contact with eyes may lead to mild irritation.

#### **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**

Wear personal protective equipment.

##### **Environmental Precautions**

Avoid discharging concentrated solutions 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:** Keep from freezing and high heat.

**Incompatible Materials:** None known.

## 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:** 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.

**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, pleasant

**ODOR THRESHOLD:**

Not available

**pH:**

7.0 – 8.0 (10 % v/v 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:**

0.990 - 1.010

**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.

### 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

Keep from freezing. Keep from extreme heat.

### Incompatible Materials

None known.

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

No data available.

**Information on likely sources of exposure**

Ingestion	No known significant health effects expected
Skin corrosion/irritation	No known significant health effects expected.
Inhalation	No known significant health effects expected
Serious eye damage/irritation	May cause mild eye irritation.

**Delayed and immediate effects and 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.**

Mild eye 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**

Do not release concentrate, 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**

Not regulated.

**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.

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

June 6, 2023

**Revision Date**

July 8, 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**