



# SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2026  
Date Updated: January 21, 2026

## SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION-----

**Product Name** Endotoxin Removal Solution (EZ J1 Endotoxin-Be-Gone)  
**Product Code(s)** DT71718  
**Recommended Use** For Laboratory Research Use Only  
Not for Human or Animal Drug Use

**Supplier** Bio Basic Inc.  
**Address** 20 Konrad Crescent, Markham, Ontario,  
Canada, L3R 8T4

**Telephone** (905) 474 4493  
**Fax** (905) 474 5794  
**For Chemical Emergency Phone#** (416) 995 9730

## SECTION 2. ----- HAZARDS IDENTIFICATION -----

### GHS classification in accordance with the Hazardous Products Regulations

Skin irritation (Category 2), H315  
Serious eye damage (Category 1), H318  
Short-term (acute) aquatic hazard (Category 1), H400  
Long-term (chronic) aquatic hazard (Category 2), H411

### GHS Label elements, including precautionary statements



**Pictogram:**

**Signal word:** Danger

### Hazard Statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 + P310 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/ doctor.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P501 Dispose of contents/ container to an approved waste disposal plant.

**SECTION 3. - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -**

Chemical Name	CAS-No	EC No	Weight %
PEG t-octylphenyl ether (n=7-8)	9036-19-5	-	≤ 15%
Bromophenol blue	115-39-9	204-086-2	≤ 0.1%

\*Actual concentrations withheld as trade secret

**SECTION 4. - - - - - FIRST-AID MEASURES - - - - -****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air.

**In case of skin contact**

Take off immediately all contaminated clothing. Wash off with soap and plenty of water.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses.

**If swallowed**

Never give anything by mouth to an unconscious person. Immediately make victim drink water (two glasses at most). Consult a physician.

**SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -****Suitable extinguishing media**

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

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**Special protective equipment for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**Specific hazards during fire fighting**

Carbon oxides

Not combustible.

Ambient fire may liberate hazardous vapours.

**Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

**SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -****Personal precautions**

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

**Reference to other sections**

For disposal see section 13.

## SECTION 7. ----- HANDLING AND STORAGE-----

### **Precautions for safe handling**

For precautions see section 2.

### **Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **Storage Class**

Storage class (TRGS 510): 12: Non Combustible Liquids

### **Specific end use(s)**

Apart from the uses mentioned in section 1, no other specific uses are stipulated.

## SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

### **Control parameters**

### **Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

### **Exposure controls**

### **Appropriate engineering controls**

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

### **Personal protective equipment**

#### **Respiratory protection**

Required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type ABEK

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

#### **Hand protection**

Handle with gloves. This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves.

Full contact

Material: butyl-rubber

Minimum layer thickness: 0.7 mm

Break through time: 480 min

Splash contact

Material: butyl-rubber

Minimum layer thickness: 0.7 mm

Break through time: 480 min

#### **Eye protection**

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin and body protection**

Protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Control of environmental exposure**

Do not let product enter drains.

**SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----****Appearance**

Form	Liquid
Colour	Colourless

**Safety data**

Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point/range	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Relative density	No data available
Water solubility	Soluble
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not classified as explosive
Oxidizing properties	None

**SECTION 10. -----STABILITY AND REACTIVITY -----****Chemical stability**

The product is chemically stable under standard ambient conditions (room temperature).

**Possibility of hazardous reactions**

Violent reactions possible with: the generally known reaction partners of water.

**Conditions to avoid**

No data available

**Materials to avoid**

No data available

## Hazardous decomposition products

In the event of fire: see section 5.

## SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

### Mixture

#### Acute toxicity

Acute toxicity estimate Oral - > 2,000 mg/kg

(Calculation method)

Symptoms: Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

Symptoms: Possible symptoms:., mucosal irritations

Acute toxicity estimate Dermal - > 2,000 mg/kg

(Calculation method)

#### Skin corrosion/irritation

Remarks: Mixture causes skin irritation.

#### Serious eye damage/eye irritation

Remarks: Mixture causes serious eye damage.

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

No data available

#### Reproductive toxicity

No data available

#### Specific target organ toxicity - single exposure

No data available

#### Specific target organ toxicity - repeated exposure

No data available

#### Aspiration hazard

No data available

#### Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Handle in accordance with good industrial hygiene and safety practice.

### Components

#### PEG t-octylphenyl ether (n=7-8)

##### Acute toxicity

LD50 Oral - Rat - 1,900 - 5,000 mg/kg

Remarks: (External MSDS)

Symptoms: Vomiting, Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract., Risk of aspiration upon vomiting., Aspiration may cause pulmonary edema and pneumonitis.

Inhalation: No data available

LD50 Dermal - Rabbit - > 3,000 mg/kg

Remarks: (External MSDS)

##### Skin corrosion/irritation

Skin - Rabbit

Result: irritating - 4 h

(OECD Test Guideline 404)

Remarks: The value is given in analogy to the following substances: 4-(1,1,3,3-tetramethylbutyl)phenol

##### Serious eye damage/eye irritation

Eyes - Rabbit  
Result: Risk of serious damage to eyes.  
(Draize Test)  
Remarks: Risk of corneal clouding.

**Respiratory or skin sensitization**

Sensitisation test: - Human  
Result: negative  
Remarks: (External MSDS)  
Patch test on human volunteers did not demonstrate sensitization properties.

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

Ingestion of excessive amounts by pregnant animals resulted in maternal and fetal toxicity. Did not show teratogenic effects in animal experiments.

**Specific target organ toxicity - single exposure**

Acute oral toxicity - Vomiting, Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract., Risk of aspiration upon vomiting. Aspiration may cause pulmonary edema and pneumonitis.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**SECTION 12. ----- ECOLOGICAL INFORMATION -----**

**Toxicity**

**Mixture**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Endocrine disrupting properties**

No data available

**Other adverse effects**

No data available

**Components**

**PEG t-octylphenyl ether (n=7-8)**

Toxicity to fish

semi-static test LC50 - Leuciscus idus (Golden orfe) - 0.26 mg/l  
- 96 h

(OECD Test Guideline 203)

Remarks: The value is given in analogy to the following  
substances: 4-(1,1,3,3-tetramethylbutyl)phenol



**SECTION 15. ----- REGULATORY INFORMATION -----**

**NPRI Components** : Octylphenol polyethoxyethanol

**The ingredients of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

**Canadian lists**

No substances are subject to a Significant New Activity Notification.

**SECTION 16. ----- OTHER INFORMATION -----**

Further information: no limited for paper copy, just for internal uses.

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**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 SDS**