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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name/designation:	Detain I/Detain II; Macromolecular Solution; Stopper-EZE
Other means of identification:	Protist/Invertebrate Slowing Solution

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: For educational use only

### 1.3. Details of the supplier of the safety data sheet

Company:	Ward's Science	Boreal Science
	Division of VWR International, LLC	Division of VWR International Co.
	5100 West Henrietta Road	399 Vansickle Road
	P.O. Box 92912	St. Catherines, Ontario
	Rochester, NY 14692-9012	L2S 3T4 Canada
Telephone:	800.962.2660	800.387.9393

### 1.4. Emergency Telephone number

CHEMTREC	800.424.9300
CANUTEC	613.996.6666

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

For the full text of the H-Statement(s) and R-phrase(s) mentioned in this Section, see Section 16.

Hazard statements	Hazard classes and categories
Not a hazardous substance or mixture	

### 2.2. GHS Label elements, including precautionary statements

Pictograms: None  
Signal word: None

Hazard statements
Not a hazardous substance or mixture
Precautionary statements
Not a hazardous substance or mixture

**2.3. WHMIS Classification:** Not a hazardous substance or mixture

**2.4. Hazards not otherwise classified (HNOC) or not covered by GHS or WHMIS:** None

## SECTION 3: Composition/information on ingredients

### 3.1. Components

Chemical name	Formula	Molecular weight	CAS#	Weight%
Polyox	N/A	N/A	N/A	1-5
Water	H <sub>2</sub> O	18.02 g/mol	7732-18-5	95-99

## SECTION 4: First aid measures

### 4.1. General information

**In case of inhalation:** In case of accident by inhalation: remove personnel to fresh air and keep at rest.

**In case of skin contact:** After contact with skin, wash immediately with plenty of water.

**In case of eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, if necessary.

**In case of ingestion:** If swallowed, do not induce vomiting; seek medical advice immediately.

**4.2. Most important symptoms and effects, both acute and delayed:** No data available

**4.3. Indication of any immediate medical attention and special treatment needed:** No data available

## SECTION 5: Firefighting measures

**5.1. Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2. Special hazards arising from the substance or mixture:** No data available

**5.3. Special protective equipment for firefighters:** Wear self contained breathing apparatus for firefighting if necessary.

**5.4. Hazardous combustion products:** No data available

**5.5. Advice for firefighters:** Wear self contained breathing apparatus for firefighting if necessary.

5.6. **Additional information:** No data available

## SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.

6.2. **Environmental precautions:** No data available

6.3. **Methods and material for containment and cleaning up:** Flush area with large quantity of water. Collect onto paper towel or other sorbent material.

6.4. **Additional information:** For disposal see section 13.

## SECTION 7: Handling and storage

7.1. **Precautions for safe handling:** Use proper personal protective equipment.

7.2. **Conditions for safe storage, including any incompatibilities:** Material should always be stored in darkness, away from ultraviolet light sources. Product will slowly depolymerize to lower molecular weight chains if exposed for long periods to sunlight and/or ultraviolet light sources.

7.3. **Specific end use(s):** No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

United States			
Chemical Name	Limit value type & Country of Origin	Exposure Limit value	Source
Contains no substance with occupational exposure limit values			

Canada			
Chemical Name	Limit value type & Country of Origin	Exposure Limit value	Source
Contains no substance with occupational exposure limit values			

### 8.2. Exposure controls

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protection equipment

**Eye/face protection:** No special protection required

**Skin protection:** No special protection required

**Respiratory protection:** No special protection required

**Hygiene measures:** No special protection required

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

- a) Appearance: Liquid  
Physical state: Liquid  
Color: No data available
- b) Odor: No data available
- c) Odor Threshold: No data available
- d) pH: No data available
- e) Melting point/freezing point: No data available
- f) Initial boiling point: No data available  
boiling range: No data available
- g) Flash point: No data available
- h) Evaporation rate: No data available
- i) Flammability (solid, gas): No data available
- j) Upper/lower flammability: No data available  
explosive limits: No data available
- k) Vapor pressure: No data available
- l) Vapor density: No data available
- m) Relative density: 1.21 g/mL (23°C)
- n) Solubilities: Water (100%)
- o) Partition coefficient (n-Octanol/Water): No data available
- p) Auto-ignition temperature: No data available
- q) Decomposition temperature: No data available
- r) Viscosity: No data available
- s) Explosive properties: No data available
- t) Oxidizing properties: No data available

**9.2. Other information:** No data available

## SECTION 10: Stability and Reactivity

**10.1. Reactivity:** No data available

**10.2. Chemical stability:** No data available

**10.3. Possibility of hazardous reactions:** No data available

**10.4. Conditions to avoid:** Prolonged exposure to ultraviolet light sources.

**10.5. Incompatible materials:** No data available

**10.6. Hazardous decomposition products:** No data available

**SECTION 11: Toxicology****11.1. Information on toxicological effects****Acute toxicity****Oral LD<sub>50</sub>:** No data available**Inhalation LC<sub>50</sub>:** No data available**Dermal LD<sub>50</sub>:** No data available**Other information on acute toxicity:** No data available**Skin corrosion/irritation:** No data available**Serious eye damage/eye irritation:** No data available**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:** No data available**SECTION 12: Ecological information****12.1. Ecotoxicity:** No data available**12.2. Persistence and degradability:** No data available**12.3. Bioaccumulative potential:** No data available**12.4. Mobility in soil:** No data available**12.5. Results of PBT and vPvB assessment:** No data available**12.6. Other adverse effects:** No data available

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## SECTION 14: Transport information

### Land Transport DOT (U.S.)

Not dangerous goods

### Sea Transport IMDG

Not dangerous goods

### Transportation of Dangerous Goods (TDG)

Not dangerous goods

### Air Transport IATA

Not dangerous goods

## SECTION 15: Regulatory information

**WHMIS Classification:** Not a hazardous substance or mixture.

**OSHA Hazards:** Not a hazardous substance or mixture.

**SARA 302 Extremely Hazardous Substances:** SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 (TRI reporting):** SARA 313: This material does not contain any chemical Components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazardous Chemicals:** SARA 311/312: No chemicals in this material are subject to the reporting requirements of SARA Section 302

**Massachusetts Right-To-Know Substance List:** No chemicals reported

**Pennsylvania Right-To-Know Hazardous substances:** No chemicals reported

**New Jersey Worker and Community Right-To-Know Components:** No chemicals reported

**California Proposition 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**SECTION 16: Other information**

**Full text of H-Statement(s) and P-phrase(s): Not a hazardous substance or mixture**

**Canadian Carcinogenicity hazard class:**

**PHNOC hazard class:** Not a hazardous substance or mixture

**HHNOC hazard class:** Not a hazardous substance or mixture

**Biohazardous Infectious Materials hazard class:** Not a hazardous substance or mixture

**HMIS Rating:**

**Health:** 0

**Flammability:** 0

**Physical Hazard:** 0

**Reactivity:** 0

**NFPA Rating:**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

**Special Hazard:** N/A

**DISCLAIMER**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International, LLC and its affiliates shall not be held liable for any damage resulting from handling.