

# ENVIROSAFE CHEMICALS CANADA

## MATERIAL SAFETY DATA SHEET

### SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Envirozym EP  
HS PRODUCT CODE 3507907000  
PRODUCT USE: Biotechnology (bacterial cultures, natural cleaning product (biodegradable))

PRODUCT IDENTIFICATION E800  
NUMBER (PIN) - Product Code E800

Manufacturers Name: EnviroSAFE Chemicals Canada  
Address: PO Box 1792 - 10011 Thatcher Avenue  
City: North Battleford Province: SK Postal Code: S9A 3W8 Tel: 306-446-0505

### SECTION 2-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT	LC OF INGREDIENT
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This product contains naturally occurring non-pathogenic, non-corrosive, non-toxic, and non-Genetically engineered viable bacterial culture on a wheat bran carrier.

Viable bacterial cultures (Largely water)	85%	7732-18-5	Not listed	Not listed	Not Listed
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### SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Liquid ODOUR AND APPEARANCE: Liquid White, sweet odour. ODOUR THRESHOLD (PPM): Not available

VAPOUR PRESSURE: (at 20°C) (mm Hg) VAPOUR DENSITY: (AIR=1) (MMHG at 20°C): equivalent to water EVAPORATION RATE: Not available

BOILING POINT (°C)°F 100°C FREEZING POINT(°): Not available pH:7.5 - 8.5

SPECIFIC GRAVITY: Approximately 1.0 COEFF. WATER/OIL DIST.: Not available

### SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: Non-Flammable IF YES UNDER WHICH CONDITION?

MEANS OF EXTINCTION: Foam, CO2 FLASHPOINT (°C) AND METHOD:°F No Data

UPPER FLAMMABLE LIMIT (% BY VOLUME): Not available LOWER FLAMMABLE LIMIT (% BY VOLUME): No Data

AUTO-IGNITION TEMPERATURE (°C): No HAZARDOUS COMBUSTION PRODUCTS: None Known

EXPLOSION DATA SENSITIVITY TO IMPACT: None SENSITIVITY TO STATIC DISCHARGE: None

### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Yes under normal conditions

IF NO UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES: Strong acids or alkali compounds may inactivate biological Cultures.

REACTIVITY, AND UNDER WHAT CONDITIONS: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None Known  
Hazardous Polymerization: Will not occur

## PRODUCT IDENTIFICATION:

**SECTION 6-TOXICOLOGICAL PROPERTIES**

## ROUTE OF ENTRY:

SKIN:	SKIN ABSORPTION:	EYE CONTACT:	INHALATION:	INGESTION:
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EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Cellulase enzymes may cause moderate throat, respiratory passage and eye irritation.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not available

EXPOSURE LIMITS: Not Listed

IRRITANCY OF PRODUCT: Moderate

SENSITIZATION OF PRODUCT: Repeated or prolonged contact may cause respiratory sensitization.

CARCINOGENICITY: This material is not considered to be a carcinogen by the National toxicology program. The International Agency for research on cancer.

TERATOGENICITY: Not Available

REPRODUCTIVE TOXICITY: Not Available

MUTAGENICITY: Not Available

SYNERGISTIC PRODUCTS: Not Available

**SECTION 7-PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: None

GLOVES: Latex rubber gloves	RESPIRATOR: None required for recommended Dust mask in confined areas	EYE: Chemical goggles or face shield
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FOOTWEAR: Rubber Boots

CLOTHING: None required

OTHER: Eye Bath

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): Normal room ventilation

LEAK AND SPILL PRODUCE: Mop up spills where possible, flush down drain to waste treatment sewer

WASTE DISPOSAL: May be added directly to waste treatment system or flushed down sewer.

HANDLING PROCEDURES AND EQUIPMENT: Prevent skin and eye contact, wash hands thoroughly with soap and water after use. Avoid contact with eyes.

STORAGE REQUIREMENTS: Avoid prolonged exposure to high and low temperatures and humidity. Avoid temperatures above 110°F and keep from freezing.

SPECIAL SHIPPING INFORMATION: Not regulated by TDG classification

**SECTION 8-FIRST AID MEASURES**

EYE: Flush thoroughly with water for 15 minutes. Have eyes examined and treated by medical personnel.

SKIN: Wash affected area thoroughly with soap and water. Wash clothing and footwear before re-use.

INHALATION: Move subject to fresh air. If irritation persists call a physician.

INGESTION: Drink large amounts of water or mild to dilute. Induced vomiting only if advised by physician or poison control centre. Contact physician if intestinal upset persists.

## PRODUCT IDENTIFICATION:

**SECTION 9-ADDITIONAL INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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**SECTION 10-PREPARATION DATE OF MSDS**

PREPARED BY: ENVIROSAFE CHEMICALS CANADA TECHNICAL DEPT PHONE NUMBER: 306-446-0505 DATE: February 1, 2016

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