

SAFETY DATA SHEETS

This SDS packet was issued with item:

078944949

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078945771

Safety Data Sheet

Version 1.2

Date: 27 Aug 2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **Zarasyl Equine (polyethylene glycol-based ointment for sample evaluation – contents to be tested to destruction)**

Company: Lakehead University, Department of Chemistry
955 Oliver Rd
Thunder Bay, ON P7B 5E1, Canada

Telephone: 1-807-343-8683

Fax: 1-807-346-7775

2. COMPOSITION

(concentrations proprietary)

Ingredients:

1. Polyethylene glycol 3350	(CAS number 25322-68-3)
2. Polyethylene glycol 400	(CAS number 25322-68-3)
3. Propylene glycol	(CAS number 57-55-6)
4. Water	(CAS number 7732-18-5)
5. Phenoxyethanol	(CAS number 122-99-6)
6. Silica, amorphous	(CAS number 7631-86-9)
7. Sodium chloride	(CAS number 7647-14-5)

Synonyms

(main ingredients):

1. PEG 3350, PEG-75
2. PEG 400, PEG-8
3. 1,2-Propanediol

Formula

(main ingredients):

1. $(C_2H_4O)_n \cdot H_2O$, $n = 66-80$ (3050-3685 g/mol)
2. $(C_2H_4O)_n \cdot H_2O$, $n = 7.9-8.7$ (380-420 g/mol)
3. $C_3H_8O_2$ (76 g/mol)

3. HAZARDS IDENTIFICATION

WHMIS Classification: Not Rated

HMIS Classification:

Health Hazard:	0
Flammability:	0
Physical hazards:	0

Potential Health Effects

Inhalation:	Vapours are unlikely due to physical properties.
Skin:	Prolonged contact may cause slight skin irritation.
Eyes:	Direct contact with eyes may cause irritation.
Ingestion:	Large doses may cause gastro-intestinal upset.

4. FIRST AID MEASURES

Inhalation: Not expected to require first aid measures.
Ingestion: If large amounts are swallowed, give water to drink and get medical advice.
Skin Contact: Flush with large amounts of running water.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Get medical advice if irritation develops.

5. FIRE-FIGHTING MEASURES

Flammable properties: Non-flammable.
Suitable extinguishing media: N/A
Special protective equipment for fire-fighters: N/A

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Area will be slippery until cleaned. Soak up with an absorbent material. Scoop up used absorbent into drums.

7. HANDLING AND STORAGE

Handling: Maintain good personal hygiene.
Storage: Store in cool, dry, well-ventilated area. Keep closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substantive ingredients with occupational exposure limit values.

Respiratory protection: Not required under normal and reasonably foreseen use.
Hand protection: Not required under normal and reasonably foreseen use.
Eye protection: Safety glasses
Hygiene measures: General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White soft ointment.
Odour: Odourless
Specific Gravity (water=1): 1.1-1.2
Solubility in water at 20 °C: Soluble
pH: 6.5-7.5

10. STABILITY AND REACTIVITY

Storage stability: Stable under recommended storage conditions.
Materials to avoid: N/A
Conditions to avoid: N/A
Hazardous decomposition: N/A
Hazardous polymerization: N/A

11. TOXICOLOGICAL INFORMATION

Oral:	N/A
Dermal:	N/A
Inhalation:	N/A
Reproductive effects:	N/A

12. ECOLOGICAL INFORMATION

Environmental toxicity information: In accordance with municipal, provincial/state and federal regulations.

13. DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial/state and federal regulations.

14. TRANSPORT INFORMATION

UN Number:	N/A
TDG Classification:	N/A
Packing Group:	N/A
Special Shipping Instructions:	AVOID FREEZING

15. REGULATORY INFORMATION

WHMIS Classification: N/A

N/A = NOT AVAILABLE/ APPLICABLE