

# Tri-Fender

# Material Safety Data Sheet

Preparation Date: 23-Feb-2012

Revision Date: 06-Oct-2025

Revision Number: 5

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** Tri-Fender  
**Item#:** CAN6705  
**Recommended use** Teat dip

**Supplier** DeLaval Inc.  
10900 Rue Secant Street  
Ville d'Anjou, Quebec H1J 1S5  
Tel: (705) 741-3100

**Emergency Telephone Number** West Penetone Inc: (514) 355-4660 8h-17h Monday to Friday  
Poison Control Center (Emergency, 24 H): 1-844-POISON-X or 1-844-764-7669

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
May cause eye irritation

### Potential Health Effects

**Principal Routes of Exposure** Eye contact  
Ingestion

### **Major effects of exposure**

**Eyes** Contact with eyes may cause irritation.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Glycerol	56-81-5	10
Iodine	7553-56-2	1

## 4. FIRST AID MEASURES

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice/attention.

**Ingestion** Call a physician or Poison Control Center immediately.

## 5. FIRE-FIGHTING MEASURES

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<b>Fire Hazard</b>	The product is not flammable.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Hazardous Combustion Products</b>	Thermal decomposition can lead to release of irritating gases and vapours
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>NFPA</b>	<b>Health hazards</b> 1 <b>Flammability</b> 0 <b>Instability</b> 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid contact with eyes.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze.
<b>Incompatible Materials</b>	strong oxidizing agents, strong acids, strong bases

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	Alberta	British Columbia	Ontario TWAEV	Quebec
Glycerol		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Iodine	TWA: 0.01 ppm STEL: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1 mg/m <sup>3</sup>	Ceiling: 0.1 ppm Ceiling: 1 mg/m <sup>3</sup>	Ceiling: 0.1 ppm	TWA: 0.01 ppm STEL: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1.0 mg/m <sup>3</sup>

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/face Protection** Safety glasses with side-shields

### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown
Physical state	Liquid
Specific Gravity	1.04
pH	4 - 6
Freezing Point/Range	0 °C
Water Solubility	soluble

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under normal conditions.

**Incompatible Materials** strong oxidizing agents, strong acids, strong bases

## 11. TOXICOLOGICAL INFORMATION

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerol	12600 mg/kg (Rat)	21900 mg/kg (Rat)	> 2.75 mg/L (Rat) 4h
Iodine	14000 mg/kg (Rat)	= 1425 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit )	137 ppm = 4,588 mg/L 4h dust (rat)

### Chronic Toxicity

**Carcinogenicity** Contains no ingredient listed as a carcinogen

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Glycerol		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		
Iodine	EC = 0.13 mg/L	LC50 (96 h) 0.53 mg/L		LC50 (48 h) 0.16 mg/L

Glycerol

Partition coefficient -1.75

## 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

**DOT** Not regulated

## 15. REGULATORY INFORMATION

Chemical name	DSL	NDSL	TSCA	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Glycerol	X		X	200-289-5		X	X	KE-29297 X	X	X
Iodine	X		X	231-442-4		X	X	KE-21023 X	X	X

### WHMIS Hazard Class

Non-controlled

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

## 16. OTHER INFORMATION

**Preparation Date:** 23-Feb-2012

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### Revision Note:

Section 1: update Emergency Telephone Number

**Disclaimer**

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