

# Tri-Fender

# Material Safety Data Sheet

Preparation Date: 23-Feb-2012

Revision Date: 07-Jun-2018

Revision Number: 4

## 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** (613) 996-6666 (Canutec)

## 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

**Fire Hazard** The product is not flammable.

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Hazardous Combustion Products** Thermal decomposition can lead to release of irritating gases and vapours

**Protective Equipment and Precautions for Firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA** Health hazards 1 Flammability 0 Instability 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Avoid contact with eyes.

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze.

**Incompatible Materials** 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 )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Iodine	14000 mg/Kg		137 ppm 4.588 mg/L

### Chronic Toxicity

Carcinogenicity	Contains no ingredient listed as a carcinogen
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Glycerol		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		500: 24 h Daphnia magna mg/L EC50
Iodine		LC50 (96 h) 0.53 mg/L		LC50 (48 h) 0.16 mg/L

### Glycerol

Partition coefficient	-1.76
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## 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	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

**Revision Date:** 07-Jun-2018

**Revision Note:**  
No information available

**Disclaimer**

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