

# DeLaval Teat Dip TD 1-5

## Material Safety Data Sheet

Preparation Date: 18-Jul-2014

Revision Date: 06-Oct-2025

Revision Number: 4

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

**Product Name** DeLaval Teat Dip TD 1-5

**Item#:** 6210

**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 be harmful if swallowed

Mild eye irritation

#### Potential Health Effects

**Principal Routes of Exposure** Eye contact  
Skin contact  
Inhalation  
Ingestion

#### Major effects of exposure

**Eyes** May cause slight irritation.  
**Skin** No information available.  
**Ingestion** No known significant effects or critical hazards.  
**Inhalation** Not Likely.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name     | CAS No     | Weight-% |
|-------------------|------------|----------|
| Isopropyl alcohol | 67-63-0    | 0.1 - 1  |
| Iodine            | 7553-56-2  | 1 - 5    |
| Glycerine         | 30918-77-5 | 5        |

### 4. FIRST AID MEASURES

|                                   |  |
|-----------------------------------|--|
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.   |
| <b>Skin contact</b>               | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if symptoms occur.   |
| <b>Ingestion</b>                  | Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary. Call a POISON CENTER or doctor if you feel unwell. |
| <b>Inhalation</b>                 | Get medical attention if symptoms occur.   |
| <b>Protection of First-aiders</b> | Remove and wash contaminated clothing before re-use.   |

## 5. FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <b>Fire Hazard</b>   | The product is not flammable.                                      |
| <b>Suitable Extinguishing Media</b>                          | The product is not flammable                                       |
| <b>Hazardous Combustion Products</b>                         | No information available   |
| <b>Protective Equipment and Precautions for Firefighters</b> | Standard procedure for fires.                                      |
| <b>NFPA</b>  | <b>Health hazards</b> 0 <b>Flammability</b> 0 <b>Instability</b> 0 |

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Environmental Precautions</b> | Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. |
| <b>Methods for Containment</b>   | Use absorbant material to collect any spills.   |
| <b>Methods for cleaning up</b>   | Soak up with inert absorbent material.  |

## 7. HANDLING AND STORAGE

|                 |   |
|-----------------|---|
| <b>Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.   |
| <b>Storage</b>  | Keep in properly labelled containers. Keep containers tightly closed in a cool, well-ventilated place. Do not freeze. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Keep away from food, drink, and animal feedstuffs. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Chemical name     | ACGIH TLV                      | OSHA PEL  | Alberta  | British Columbia              | Ontario TWAEV                  | Quebec  |
|-------------------|--------------------------------|---|--|-------------------------------|--------------------------------|---|
| Isopropyl alcohol | TWA: 200 ppm<br>STEL: 400 ppm  | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> | TWA: 200 ppm<br>TWA: 492 mg/m <sup>3</sup><br>STEL: 400 ppm<br>STEL: 984 mg/m <sup>3</sup> | TWA: 200 ppm<br>STEL: 400 ppm | TWA: 200 ppm<br>STEL: 400 ppm  | TWA: 400 ppm<br>TWA: 985 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1230 mg/m <sup>3</sup> |
| Iodine            | TWA: 0.01 ppm<br>STEL: 0.1 ppm | Ceiling: 0.1 ppm<br>Ceiling: 1 mg/m <sup>3</sup>  | Ceiling: 0.1 ppm<br>Ceiling: 1 mg/m <sup>3</sup>   | Ceiling: 0.1 ppm              | TWA: 0.01 ppm<br>STEL: 0.1 ppm | Ceiling: 0.1 ppm<br>Ceiling: 1.0 mg/m <sup>3</sup>  |

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

### Personal Protective Equipment

### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                  |
|-------------------------|------------------|
| <b>Appearance</b>       | Dark brown       |
| <b>Physical state</b>   | Liquid           |
| <b>Odor</b>             | Iodine           |
| <b>Specific Gravity</b> | 1.035            |
| <b>pH</b>               | 5.5              |
| <b>Water Solubility</b> | Soluble in water |

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under recommended storage conditions.

## 11. TOXICOLOGICAL INFORMATION

| Chemical name     | LD50 Oral         | LD50 Dermal                                    | LC50 Inhalation                    |
|-------------------|-------------------|--|------------------------------------|
| Isopropyl alcohol | 5840 mg/kg (Rat)  | 13090 mg/kg (Rabbit)                           | 25 mg/L (Rat) 4 h                  |
| Iodine            | 14000 mg/kg (Rat) | = 1425 mg/kg (Rabbit)<br>> 2000 mg/kg (Rabbit) | 137 ppm = 4,588 mg/L 4h dust (rat) |

### Chronic Toxicity

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

| Chemical name     | ACGIH | IARC    | NTP | OSHA |
|-------------------|-------|---------|-----|------|
| Isopropyl alcohol |       | Group 3 |     |      |

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not classifiable

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

| Chemical name     | Algae/aquatic plants   | Fish  | Microtox                | Waterflea                             |
|-------------------|--|---|-------------------------|---------------------------------------|
| Isopropyl alcohol | 1000: 72 h<br>Desmodesmus subspicatus mg/L<br>EC50<br>1000: 96 h<br>Desmodesmus subspicatus mg/L<br>EC50 | 11130: 96 h<br>Pimephales promelas mg/L<br>LC50 static<br>9640: 96 h<br>Pimephales promelas mg/L<br>LC50<br>flow-through<br>1400000: 96 h<br>Lepomis macrochirus µg/L<br>LC50 | EC50 = 35390 mg/L 5 min | EC50 >100 mg/l: 48 h<br>Daphnia magna |
| Iodine            | EC = 0.13 mg/L   | LC50 (96 h)<br>0.53 mg/L  |                         | LC50 (48 h)<br>0.16 mg/L              |

Isopropyl alcohol

**Partition coefficient** 0.05

## 13. DISPOSAL CONSIDERATIONS

|                               |  |
|-------------------------------|--|
| <b>Waste Disposal Method</b>  | Dispose of contents/container in accordance with local regulation.   |
| <b>Contaminated Packaging</b> | Dispose of in accordance with local regulations. 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 |
|-------------------|-----|------|------|-----------|--------|------|-------|---------------|-------|------|
| Isopropyl alcohol | X   |      | X    | 200-661-7 |        | X    | X     | KE-29363<br>X | X     | X    |
| Iodine            | X   |      | X    | 231-442-4 |        | X    | X     | KE-21023<br>X | X     | X    |
| Glycerine         | X   |      |      |           |        |      | X     |               |       |      |

### WHMIS Hazard Class

Non-controlled

| Chemical name     | NPRI |
|-------------------|------|
| Isopropyl alcohol | X    |

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: 18-Jul-2014

Revision Date: 06-Oct-2025

### Revision Note:

Section 1: update Emergency Telephone Number

### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.