

# SAFETY DATA SHEET

# Spray and Dip RTU

Preparation Date: 27-Jan-2009  
Revision Number: 1.2  
Revision Date: 12-Jan-2026  
Date of Next Revision: 11-Jan-2031

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

**Product Name** Spray and Dip RTU  
**Item#:** NZ20791  
**Recommended use** Teat dip  
**Uses advised against** Restricted to professional users

**Supplier** DeLaval Ltd,  
82 Greenwood street,  
Hamilton  
New Zealand

**Telephone Number** (07) 849-6020  
(8am - 4:30pm Mon-Fri)

**Emergency Telephone Number** 0800 764 766 (National Poison Centre)  
0800 243 622 CHEMCALL

## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture according to GHS

Skin sensitization - Category 1

### 2.2. Label Elements

**Hazard Pictogram(s)**



**Signal word** WARNING

**Hazard Statements** H317 - May cause an allergic skin reaction

**Precautionary statements** P102 - Keep out of reach of children  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P321 - Specific treatment (see product label)  
P362 + P364 - Take off contaminated clothing and wash it before reuse

P501 - Dispose of contents/container in accordance with local regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Iodine	7553-56-2	0 - 1%

### 4. FIRST AID MEASURES

<b>Workplace Facilities</b>	Eyewash bottle with clean water
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes If eye irritation persists, get medical advice/attention
<b>Skin contact</b>	Remove contaminated clothing and shoes Wash off immediately with plenty of water for at least 15 minutes Get medical attention if irritation develops and persists
<b>Inhalation</b>	Move to fresh air If breathing is difficult, give oxygen Seek medical attention if the patient shows any sign of respiratory difficulties
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

### 5. FIRE-FIGHTING MEASURES

<b>Hazchem Code</b>	No Hazchem Code allocated
<b>Flammable Properties</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>Unsuitable Extinguishing Media</b>	No information available.
<b>Specific hazards arising from the chemical</b>	Product will decompose at high temperatures releasing poisonous fumes of iodine vapor.
<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.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Avoid dispersal of spilt material into waterways, drains, and sewers.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

**Handling**                                      Wear personal protective equipment. Avoid contact with skin, eyes and clothing.

**Storage**                                        Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers.

**Type of Container/Package**            Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	WES (New Zealand)
Iodine	TWA: 0.01 ppm TWA: 0.05 mg/m <sup>3</sup> Ceiling: 0.1 ppm Ceiling: 1 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.

**Skin Protection**                            Wear overalls, rubber gloves, gumboots, and PVC apron

**Hand Protection**                            Protective gloves

**Respiratory Protection**                 No special protective equipment required.

**General Hygiene Considerations**

Keep away from food, drink, and animal feeding stuffs. When using, do not eat, drink, or smoke. Contaminated work clothing should not be allowed out of the work place. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**                                    Clear Brown

**Physical state**                                Liquid

**Odor**    Iodine

**Odor Threshold**                                No information available

**pH**    4.6 - 5.2

**Melting Point/Range**                        No data available

**Freezing Point/Range**                        No data available

**Boiling Point/Range**                         No data available

**Initial boiling point/range**                No data available

**Flash Point**                                     No data available

**Flammability (solid, gas)**                    No information available

**Upper flammability limit:**                    No data available

**Lower flammability limit:**                 No data available

**Vapor Pressure**                                No data available

**Vapor Density**                                 No data available

<b>Relative density</b>	No data available
<b>Solubility</b>	No information available
<b>Solubility in other solvents</b>	No data available
<b>Partition Coefficient (n-octanol/water)</b>	No information available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Particle characteristics</b>	No data available
<b>Specific Gravity</b>	1.010 g/ml

10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and sparks.
<b>Incompatible Materials</b>	oxidizing agents
<b>Hazardous decomposition products</b>	Thermal decomposition can lead to release of poisonous fumes. (. Iodine. ).

11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	
<b>Inhalation</b>	No information available.
<b>Eye contact</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

**Component Information**

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

<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met
<b>Respiratory or skin sensitization</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>Developmental Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION
----------------------------

**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Iodine	EC = 0.13 mg/L	LC50 (96 h) 0.53 mg/L		LC50 (48 h) 0.16 mg/L

<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation/Accumulation</b>	No information available.
<b>Mobility</b>	No information available
<b>Other adverse effects</b>	No information available
<b>Biodegradation</b>	Some ingredients of this material have some potential to biodegrade, but most ingredients have a limited potential to biodegrade or have not been tested.

13. DISPOSAL CONSIDERATIONS
-----------------------------

<b>Waste Disposal Method</b>	Dispose of in accordance with local regulations. Should not be released into the environment.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION
---------------------------

Not regulated <b>Hazchem Code</b>	No Hazchem Code allocated
--------------------------------------	---------------------------

15. REGULATORY INFORMATION
----------------------------

<b>EPA NZ Registration Number</b>	HSR100759
<b>EPA Group Standard</b>	Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2017
<b>HSNO Conditions</b>	Hazardous Substances Location trigger quantity: N/A Approved Handler trigger quantity: N/A Signage trigger quantity: N/A Secondary containment trigger quantity: 1000L or 1000kg Response Plan trigger quantity: 1000L or 1000kg
<b>EPA Reference</b>	Guidance to the changes introduced by the Health and Safety at Work (Hazardous Substances) Regulations 2017

16. OTHER INFORMATION
-----------------------

<b>Prepared By</b>	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
<b>Preparation Date:</b>	27-Jan-2009
<b>Revision Number:</b>	1.2
<b>Revision Date:</b>	12-Jan-2026
<b>Date of Next Revision:</b>	11-Jan-2031
<b>Reason for revision</b>	Update Section: 3 (contains), 15 (Group standard and HSNO controls)
<b>References</b>	<ul style="list-style-type: none"><li>- Hazardous Substances (Hazardous Classification) Notice 2020</li><li>- Hazardous substances (Labelling) Notice 2017</li><li>- Hazardous Substances (Safety Data Sheets) Notice 2017</li><li>- European Agreement concerning the International Carriage of Dangerous Goods by Road</li><li>- New Zealand Workplace Exposure Standards (WES)</li><li>- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans</li><li>- Chemical Classification and Information Database (CCID)</li></ul>

**Disclaimer**

The information provided on this SDS 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

**End of SDS**