



# VICTORIAN CHEMICAL CO. PTY. LTD.

ABN 36 004 188 863

83 Maffra Street, Coolaroo, Victoria, 3048, Australia

Tel: +61-(0) 3-9301 7000 Fax: +61-(0) 3-9309 7966

Website: [www.vicchem.com](http://www.vicchem.com) E-mail: [products@vicchem.com](mailto:products@vicchem.com)

## SAFETY DATA SHEET

### SECTION 1 : Identification of the material and supplier

#### Product Name : DELUGE<sup>†</sup> TX SURFACTANT

Description: Surfactant

Recommended Use: Agricultural wetting agent

Product Code: 19700

Supplier Name: Victorian Chemical Co. Pty. Ltd.

Address: 83 Maffra Street  
Coolaroo, Victoria 3048  
Australia

Telephone: +61-(0) 3-9301 7000

Fax: +61-(0) 3-9309 7966

Australian Emergency contact number: +61-(0) 3-9301 7000 (office hours)

### SECTION 2 : Hazards Identification

**GHS Classification:** Classified as **Hazardous** according to criteria of NOHSC.  
Classified as **Dangerous Goods Class 9** according to Australian Dangerous Goods Code  
Acute Toxicity : Oral : Category 4  
Acute / Chronic Aquatic Toxicity : Category 2  
Skin Irritation : Category 2  
Eye Irritation : Category 2A

**Signal Word:** Warning

**Hazard Statements:** H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects

**Precautionary Statements:** P264 Wash skin thoroughly after handling  
P270 Do not eat, drink or smoke when handling this product  
P280 Wear eye protection and protective gloves  
P301 / 312 / 330 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth  
P302 / 352 / 332 / 313 IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical attention / advice. Take off contaminated clothing and wash before reuse.  
P305 / P351 / P338 / P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor  
P273 / 391 / 501 Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with local regulations.



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### SECTION 3 : Ingredients Composition/Information

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Proportion</u>
Octylphenol ethoxylate	9036-19-5	100%

### SECTION 4 : First Aid Measures

- Swallowed:** Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice quickly.
- Eye:** Irrigate with copious quantities of water for 15 minutes. Seek medical advice quickly.
- Skin:** Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
- Inhaled:** Move to fresh air. Seek medical advice if nausea or vomiting occurs.
- First Aid Facilities:** Ensure eye bath and safety shower are available and ready for use.
- Advice to Doctor:** Treat symptomatically. Can cause corneal burns.

### SECTION 5 : Fire Fighting Measures

**Suitable extinguishing media:** Foam, Carbon Dioxide, Dry Chemical, Water Spray

**Hazards from combustion products:** In the event of fire the following can be released. Oxides of carbon and nitrogen

**Precautions for fire fighters and special protective equipment:** Fire fighters should wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Hazchem Code:** 3Z

### SECTION 6 : Accidental Release Measures

**Emergency procedures:** Slippery when spilt, clean up immediately. Wear protective equipment to prevent skin and eye damage.

**Methods and materials for containment and clean up:** Prevent run off into drains and waterways. Contain spills with absorbent material such as sand or soil. Collect and seal in properly labelled containers for disposal. Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal site. For small spills, wash with plenty of water.

### SECTION 7 : Handling and Storage

**Precautions for safe handling:** Avoid skin and eye contact. Wash hands after using product.

**Conditions for safe storage:** Store in the closed original container in a cool, well-ventilated area.

**Bulk Storage:** C2 Combustible liquid



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### SECTION 8 : Exposure / Personal Protection

**National exposure standards:** None Allocated.

**Biological limit values:** None Allocated.

**Engineering controls:** Ensure adequate ventilation to keep exposure levels to a minimum.

**Personal protective equipment:** Wear safety glasses or goggles, impermeable gloves (PVC or neoprene) and overalls.

### SECTION 9 : Physical and Chemical Properties

<b>Appearance:</b>	Clear, colourless liquid	<b>Solubility in Water:</b>	Easily Soluble
<b>Boiling Point:</b>	> 200°C	<b>Flashpoint:</b>	> 150°C
<b>Melting Point:</b>	< 10°C	<b>Flammability Limits:</b>	Not Available
<b>Viscosity @ 40°C:</b>	Not available	<b>Vapour Pressure:</b>	Not Available
<b>Specific Gravity:</b>	1.04 @ 20°C		

### SECTION 10 : Stability and Reactivity

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** None Known.

**Incompatible materials:** Incompatible with mild steel

**Hazardous decomposition products:** None with proper storage and handling.

**Hazardous reactions:** No hazardous reactions with proper storage and handling.

### SECTION 11 : Toxicological Information

#### Acute effects:

**Swallowed:** Ingestion may cause nausea, vomiting or diarrhoea or irritation to the throat and stomach.

**Eye Contact:** Causes serious eye irritation. Can cause corneal burns and permanent injury

**Skin:** May be irritating to skin. May cause redness, itching and irritation.

**Inhaled:** Inhalation of vapour or mist may cause irritation of the nose, throat and respiratory system.

#### Chronic effects:

Repeated or prolonged skin contact may result in skin irritation.

### SECTION 12 : Ecological Information

**Ecotoxicity:** Toxic to aquatic organisms.

**Persistence and degradability:** Product is expected to be readily biodegradable.

**Mobility:** Product disperses easily in water.



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### SECTION 13 : Disposal Considerations

**Disposal Methods:** In accordance with local authority regulations, take to special waste incineration plant. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

**Special precautions for landfill or incineration:** Avoid contaminating waterways

### SECTION 14 : Transport Information

**UN Number:** 3082

**UN Proper Shipping Name:** Environmentally hazardous substance n.o.s.

**Class:** 9

**Packing Group:** III

**Hazchem Code:** 3Z

**Road and Rail Transport:** Environmentally Hazardous Substances meeting the descriptions of UN 3082 are not subject to the Australian Dangerous Goods Code (See 3.3.3 SP No. AU01) when transported by road or rail in IBCs or packages less than 500L . Classified Dangerous Good when transported bulk.

**Marine Transport:** Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport:** Classified as Dangerous Goods by the criteria of the international Air Transport (IATA) Dangerous Goods Regulations for transport by air

### SECTION 15 : Regulatory Information

**Classification:** All components are listed on the AICS

**Poisons Schedule:** None Allocated

### SECTION 16 : Other Information

None Available

### CONTACT POINT

This MSDS summarises at date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since Victorian Chemical Co. Pty. Ltd. cannot anticipate or control the conditions under which the product may be used, prior to usage each user must review this MSDS in the context of how the product will be handled and used in the workplace.

Victorian Chemical Co. Pty. Ltd. will not be responsible for any damage caused by the use of the product otherwise than in accordance with the directions and information contained in this document.

If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact Victorian Chemical Co. Pty. Ltd. (03) 9301 7000. Ask for Technical Manager.

Safety Data Sheets are updated regularly. Please ensure that you have a current copy.

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