



# 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 : HASTEN<sup>†</sup> Spray Adjuvant

Description: Esterified Oil Spray Adjuvant

Recommended Use: Agricultural adjuvant

Product Code: 18500

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:** Not classified as hazardous according to the criteria of NOHSC.  
Not classified as a dangerous goods according to Australia Dangerous Goods Code.

**Signal Word:**

**Hazard Statements:** None

**Precautionary Statements:** None

### SECTION 3 : Ingredients Composition/Information

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Proportion</u>
Ethyl and Methyl esters of Canola Oil	n/a	> 60%
Nonionic surfactants	n/a	10—30%



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### SECTION 4 : First Aid Measures

- Swallowed:** Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice if nausea or vomiting occurs.
- Eye:** Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- 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.

### 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. Carbon monoxide, carbon dioxide.

**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:** None Allocated

### 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

### 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.

## **SAFETY DATA SHEET**

### **SECTION 9 : Physical and Chemical Properties**

<b>Appearance:</b>	Clear yellow liquid	<b>Solubility in Water:</b>	Emulsifiable
<b>Boiling Point:</b>	> 200°C	<b>Flashpoint:</b>	> 150°C
<b>Pour 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>	0.90 @ 20°C		

### **SECTION 10 : Stability and Reactivity**

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

**Conditions to avoid:** Excessive heat, Fire.

**Incompatible materials:** Strong oxidizing agents

**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 of large quantities may cause irritation to the digestive tract, nausea, vomiting or diarrhoea.

Acute Oral: Based on components and similar products LD<sub>50</sub> expected to be >5000mg/kg

**Eye Contact:** May cause eye irritation, tearing, stinging, blurred vision and redness.

Eye Irritation test (OECD 405, rabbit): No ocular irritation noted.

**Skin:** Repeated exposure may cause drying, redness, itching and irritation.

Acute Dermal: Based on components and similar products LD<sub>50</sub> expected to be >5000mg/kg

**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:** Not toxic to Daphnia Magna (water flea) OECD 202. LC50 (48h) >100mg/L

Not toxic to Fish (Danio rerio) OECD 203. LC50 (96h) >100mg/L

**Persistence and degradability:** This product is vegetable oil based and is ultimately biodegradable in soil and water.

**Mobility:** Product is emulsifiable and disperses 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:** None allocated

**UN Proper Shipping Name:** None allocated

**Class:** None allocated

**Packing Group:** None allocated

**Hazchem Code:** None allocated

**Road and Rail Transport:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Marine Transport:** Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport:** Not 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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