



# 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 : BALE SHIELD<sup>†</sup>

Description: Hay preservative

Recommended Use: Hay preservative

Product Code: 32131

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 the criteria of NOHSC.  
Not classified as Dangerous Goods according to Australian Dangerous Goods Code  
Skin Corrosion: Sub-Category 1A  
Eye Damage: Category 1  
Flammable liquid: Category 4

**Signal Word:** Danger

**Hazard Statements:** H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H227 Combustible liquid

**Precautionary Statements:** P101+ P405 Keep out of reach of children and store locked up.

P210+P370+P378 Keep away from flames and hot surfaces. No smoking. In case of fire use foam, carbon dioxide, dry chemical or water spray.

P420 Store away from food, drink and animal feed stuffs

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after use

P280 Wear protective gloves and eye protection

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water.

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310 Immediately call a POISON CENTRE or doctor.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P501 Dispose of contents 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>
Propionic Acid and Potassium Propionate	79-09-04	>60%
Non-ionic Surfactants	n/a	<10%
Other non hazardous ingredients including water	n/a	To 100%

### SECTION 4 : First Aid Measures

<b>Swallowed:</b>	Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice quickly.
<b>Eye:</b>	Irrigate with copious quantities of water for 15 minutes. Seek medical advice quickly.
<b>Skin:</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
<b>Inhaled:</b>	Move to fresh air. Seek medical advice if nausea or vomiting occurs.
<b>First Aid Facilities:</b>	Ensure eye bath and safety shower are available and ready for use.
<b>Advice to Doctor:</b>	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:** C1 Combustible liquid



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### SECTION 8 : Exposure / Personal Protection

**National exposure standards:** Propionic acid 30mg/m<sup>3</sup>.

**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 yellow to amber liquid	<b>Odour :</b>	Pungent vinegar-like odour
<b>Boiling Point:</b>	> 100°C (loss of water)	<b>Solubility in Water:</b>	Miscible
<b>Melting Point:</b>	< 0°C	<b>Flashpoint:</b>	70°C
<b>Viscosity @ 40°C:</b>	Not available	<b>Flammability Limits:</b>	Not Available
<b>Specific Gravity:</b>	1.15 @ 20°C	<b>Vapour Pressure:</b>	Not Available

### SECTION 10 : Stability and Reactivity

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

**Conditions to avoid:** None Known.

**Incompatible materials:** Avoid contact with alkaline materials.

**Hazardous decomposition products:** Ammonia, oxides of phosphorous, nitrogen and carbon..

**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:** Concentrated material will cause severe eye irritation and possible damage to the eye.

**Skin:** Irritating. May cause redness, itching and irritation.

**Inhaled:** Slightly irritating. In high concentrations, vapour is narcotic and may cause headache, dizziness and anaesthesia.

#### Chronic effects:

Repeated or prolonged skin contact may result in skin irritation.

### SECTION 12 : Ecological Information

**Ecotoxicity:** Based on similar materials it is expected to be harmful to aquatic organisms.

**Persistence and degradability:** Not Available.

**Mobility:** Product is soluble and 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:** 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:** S5

### 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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