



VICTORIAN CHEMICAL CO. PTY. LTD.

ABN 36 004 188 863

83 Maffra Street, Coolaroo, Victoria, 3048, Australia

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

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Website: www.vicchem.com

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EMPOWER™ SPRAY ADJUVANT

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

Other names: Crop Oil, Mineral Oil Adjuvant
UN Number: None Allocated
Dangerous Goods Class: None Allocated
Hazchem Code: None Allocated
Poisons Schedule Number: None Allocated
Use: Adjuvant for Agricultural Chemicals

Physical Description / Properties

Appearance: Straw coloured liquid
Boiling Point: IBP > 350°C
Melting Point: < -10°C
Vapour Pressure: <1 mmHg @ 20°C
Specific Gravity: 0.868 @ 20°C
Flashpoint: >150°C
Flammability Limits: Not Available
Solubility in Water: Milky Emulsion

Ingredients

Chemical Name:	CAS Number:	Proportion:
Paraffinic Petroleum Oil	64742-65-0	>60%
Other ingredients determined not to be hazardous	N/A	<10%



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HEALTH HAZARD INFORMATION

Health Effects

Acute effects:

Swallowed: May cause gastric irritation or diarrhoea. Breathing material into lungs during ingestion or vomiting may cause lung injury or even death.

Eye contact: Mildly irritating to the eye.

Skin: Not irritating to the skin. Repeated or prolonged exposure with skin may cause drying

Inhaled: High concentrations of vapour or mist may irritate the respiratory tract.

Chronic: Prolonged or repeated skin contact may cause drying cracking or dermatitis.

First Aid

Swallowed: Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice.

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.

PRECAUTIONS FOR USE

Exposure Limits: TWA 5 mg/m³ (oil mist)

Engineering Controls: Ensure adequate ventilation to keep exposure levels to a minimum

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

Flammability: Combustible Liquid

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SAFE HANDLING INFORMATION

Storage and Transport: Classified as C2 (Combustible Liquid) for the purpose of storage and handling in accordance with AS1940.

Not defined as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal: Contain spills with absorbent material such as sand or soil. Wear protective equipment to prevent skin and eye damage. Collect and seal in labelled containers for disposal.

For small spills wash with plenty of water.

Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal site.

Fire / Explosion Hazard: Fire fighters should wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Extinguishing Media CO₂, Dry Chemical, water spray

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. 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. 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. (03) 9301 7000. Ask for Technical Manager.

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