

Safety Data Sheet: Mist Control®

1. IDENTIFICATION

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| Product Name: | Mist Control® |
| Other Names: | Mixture of polyacrylamide polymer and inorganic soluble salts |
| Recommended Use: | Agricultural Adjuvant for spray drift control |
| Distributor: | Key Industries Ltd |
| Address: | P.O. Box 65070, Mairangi Bay, Auckland 0754 |
| | Telephone: 09 917 1791 |
| Emergency Phone: | 027 494 1659 |
| National Poisons Centre: | 0800 POISON (0800 764 766) |
| International Company Name & Contact Details: | MILLER CHEMICAL & FERTILIZER (AUSTRALIA) PTY LTD Address: Level 3 / 141-149 Ifould Street, Adelaide, SA 5000 Tel: +61 08 8132 1644 Fax: +61 8 08 8132 |

2. HAZARDS IDENTIFICATION

Not classified as a Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.

| | |
|--------------------------------|----------------|
| Approval: | Not applicable |
| Hazard Classifications: | None assigned |
| Pictograms: | Not required. |
| Signal word: | Not required. |
| Hazard statements: | Not required. |

Precautionary statements:

| | |
|--------------------|--|
| Prevention: | Not required. |
| Response: | Not required. |
| Storage: | Not required. |
| Disposal: | Dispose of product and container in accordance with local regulations. |

Other information:

Hazardous Substance (Labelling) Notice 2017

Not applicable.

NZS5433 Transportation of Dangerous Goods on Land

Not Classified as DG Class for transport.

3. COMPOSITION: INFORMATION ON INGREDIENTS

| Ingredients | CAS Number | Concentration (%w/w) |
|-------------------------------|------------|----------------------|
| Polyvinyl polymer | 9002-89-5 | 2 |
| Other non-hazardous materials | mixture | 98 |

4. FIRST AID MEASURES

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Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning. Have product label or Safety Data Sheet at hand.

INGESTION: Rinse mouth. Give a glass of water to drink. Get medical advice if person feels unwell.

If vomiting occurs spontaneously, keep head below hips to prevent vomit entering lungs.

SKIN CONTACT: Wash with soap and water. If irritation develops, obtain medical advice.

EYE CONTACT: Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. If irritation develops, obtain medical assistance.

INHALATION: Remove patient to fresh air and keep at rest until recovered. Get medical advice if person feels unwell.

First Aid facilities:

Provide eye baths and safety showers close to work areas.

Advice to Doctor:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flashpoint: Non-flammable.

Suitable extinguishing media: Water fog, fine water spray, carbon dioxide, dry chemical, foam.

Hazards from combustion products: Generates carbon dioxide, carbon monoxide and smoke.

Precautions for fire fighters and special protective equipment: Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:

Wear appropriate personal protection equipment to prevent exposure by inhalation, and to skin and eyes. Ensure adequate ventilation. Wear approved respirator where mist of unknown concentration may be generated. Self-contained breathing apparatus is recommended.

Environmental Precautions:

Contain spillage and prevent from entering drains, sewer or any water course.

Methods and materials for containment

Dyke and contain spillage with sand, earth, sawdust or vermiculite and transfer liquid and solids separately to labelled containers for recovery or disposal. Clean up and report spills immediately.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Wear chemically impervious gloves and long sleeved clothing. Wear approved safety glasses or goggles.

Changing out of work clothing and showering recommended at the end of each work shift. Wash work clothes separately from other household clothing.

Read and observe all precautions and instructions on the label.

Conditions for Safe Storage:

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Store containers upright and closed in original container. Store in a cool, dry place away from direct sunlight and in well-ventilated areas.

Do not store with explosives, oxidizers and flammable gases and solids. Keep away from sources of ignition, heat and strong oxidizers. Store apart from animal and human foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe for compounds in this substance:

Biological limit values: None established

Engineering Controls:

Ventilation: Use outdoors or in a well-ventilated area.

Personal Protective Equipment:

Respiratory Protection: Respiratory protection may be necessary under certain use conditions. Under such conditions, an approved respirator or disposable face mask according to local standards, must be worn.

Eye Protection: Wear safety glasses or goggles.

Skin/ Body Protection: Wear gloves (rubber, neoprene, nitrile or equivalent), boots and overalls. with

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|--|
| Appearance | Slightly turbid, clear to greyish liquid |
| Odour | Moderate |
| Odour threshold | Not determined |
| pH | 5.5 – 6.5 @ 20°C |
| Melting/Freezing point °C | < 0 °C |
| Boiling Point/Range °C | > 100 °C |
| Flash Point °C | > 100 °C |
| Flammability (solid, gas) | Not applicable |
| Upper/lower flammability/explosive limits | Not known |
| Vapour Pressure mm Hg @ 20°C | Not determined. |
| Vapour Density Pa @ 25°C | Not determined. |
| Relative density | 1.04 – 1.06 g/ml @ 20°C |
| Solubilities | Soluble. |
| Partition coefficient: n-octanol/water | Not determined |
| Autoignition Temperature °C | Not determined |
| Decomposition Temperature °C | Not determined |
| Kinematic viscosity | Not determined |

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Contact with oxidizing agents.

Hazardous decomposition products: At high temperatures may release oxides of carbon.

Hazardous reactions: Not known to occur.

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11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by assessment of the components in the formulated mixture.

Acute toxicity: Not classified.

Aspiration hazard: Not classified as an aspiration hazard.

Respiratory irritation: Not classified as respiratory irritant.

Skin corrosion/irritation: May be slightly irritating to skin.

Serious eye damage/irritation: May be slightly irritating to eye.

Respiratory or skin sensitization: Classified as a contact sensitizer with prolonged or repeated exposure.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: Not classified.

Narcotic effects: Not classified.

Toxicological Information:

No information.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is not classified as being ecotoxic. However, do not contaminate waterways, sewers, or drains when using product, or disposing of product or wash water from equipment.

Persistence and degradability: No specific information available.

Potential to be bioaccumulative: No specific information available for mixture.

Mobility in soil: Soluble in water.

Other adverse effects: No information available

Ecotoxicological Information:

Not available for mixture.

Environmental Exposure Limits (EEL's): Not set.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure container is empty before disposal to landfill. Triple rinse with water. Use rinsings in preparing the diluted solution.

Waste should be disposed of to an approved waste disposal facility or by burying at an approved site. Do not burn product or containers.

Ensure disposal of containers and product is in compliance with requirements of national and local authorities.

14. TRANSPORT INFORMATION

| Road and Rail Transport | | Marine Transport | | Air Transport | |
|-------------------------|---------------|------------------|---------------|---------------|---------------|
| UN No. | Not regulated | UN No. | Not regulated | UN No. | Not regulated |

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|----------------------|--|----------------------|--|----------------------|--|
| Proper Shipping Name | | Proper Shipping Name | | Proper Shipping Name | |
| DG Class | | DG Class | | DG Class | |
| Sub. Risk | | Sub. Risk | | Sub. Risk | |
| Pack Group | | Pack Group | | Pack Group | |
| Hazchem | | Hazchem | | | |

Marine Pollutant: No

Dangerous Goods Segregation

This product is not classified as a Dangerous Good Class for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code: Not required.

Classifications: Not applicable.

Controls: Refer to www.epa.govt.nz for information on Controls and www.worksafe.govt.nz for further information on compliance.

Additional label statement requirements:

Not applicable.

ACVM Act 1997

Registration Number: Not required (exempt product).

16. OTHER INFORMATION

Date of issue: 16 October 2018

Reasons for Issue: Update SDS format and content to comply with change in regulations.

Replaces:

Abbreviations:

| | |
|-------|---|
| ACVM | Agricultural Compounds and Veterinary Medicines |
| EPA | New Zealand Environmental Protection Authority |
| GHS | Global Harmonised System |
| HSIS | Hazardous Substance Information System |
| HSNO | Hazardous Substances and New Organisms |
| NZIoC | New Zealand Inventory of Chemicals |
| STEL | Short Term Exposure Limit (15 minute exposure period) |
| TWA | Time-Weighted Average (8 hours exposure period) |
| WES | Workplace Exposure Standard |

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References:

EPA www.epa.govt.nz
Supplier information and SDS
Worksafe NZ www.worksafe.govt.nz

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.