



Safety Data Sheet

Mist Control®

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03
Canadian Workplace Hazardous Material Information System (WHMIS) 2015
Mexico NOM-018-STPS-2000; NOM-018-STPS-2015
GHS (Globally Harmonized System)

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Mist Control®
Pure substance/mixture	Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Adjuvant.
Uses advised against	None known

1.3. Details of the supplier of the safety data sheet

Company:	Miller Chemical and Fertilizer, LLC 120 Radio Rd Hanover, PA 17331 Tel.: 717-632-8921 Fax.: 717-646-1104
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Internet	http://www.millerchemical.com
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E-mail	info@millerchemical.com
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1.4. Emergency telephone number	CHEMTREC: +1 800 424 9300 or International 1+703-527-3887
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Physical Hazards	Not classified.
Health Hazards	Serious eye damage/eye irritation. Category 2B; H320

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Environmental Hazard Not classified.**2.2. Label elements****Symbols/Pictograms** None**Signal Word** Warning**Hazard Statements** H320 - Causes eye irritation**Precautionary Statements****Prevention** Wash hands thoroughly after handling**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention**Storage** -**Disposal** -**Additional information** Not applicable**Hazards not otherwise classified (HNOC)** None known**SECTION 3: Composition/information on ingredients****Pure substance/mixture** Mixture

Chemical Name	CAS NUMBER:	Weight-%
Proprietary blend of polyacrylamide polymers and formulation aids	N/A	100

Additional information Chemical Class/Synonym: Polyacrylamide, Polyvinyl polymers**SECTION 4: First aid measures****4.1. Description of first aid measures****General Advice** When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.**Eye Contact** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice if symptoms persist.**Skin Contact** Remove contaminated clothing and wash before reuse. Rinse skin with plenty of water for 15-20 minutes. If skin irritation occurs, seek medical attention. Call a poison control center or doctor for treatment advice.**Ingestion** Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth and sip a glass of water if able to do so. Do not induce

vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for treatment advice.

4.2. Most important symptoms and effects, both acute and delayed

May be harmful if swallowed, in contact with skin, or inhaled. Causes mild skin irritation. Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable Extinguishing Media**

Water spray (fog). Dry chemical. Foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media

None known.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters**Special protective equipment for firefighters**

Wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Fire-fighting measures

Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Empty containers may contain residue product and can be dangerous. Use water spray/fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well ventilated area), use impermeable gloves, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or

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potential airborne concentrations in accordance with the latest OSHA and/or ANSI recommendations.

For non-emergency personnel Keep unauthorized personnel away.

For emergency responders Keep unauthorized personnel away. Use personal protection recommended in Section 8.

6.2. Environmental precautions Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate assistance.

6.3. Methods and material for containment and cleaning up Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

6.4. Reference to other sections See Section 8 for exposure controls and personal protection. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Follow all SDS / label precautions when using this product. Do not reuse the container.

7.2. Conditions for safe storage, including any incompatibilities Store in a cool dry place. Store only in the original container.

7.3. Specific end use(s) See Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits No information available

Biological Limit Values No information available

8.2. Exposure controls

Engineering Measures Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear suitable protective clothing.

Hand Protection For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory Protection In case of inadequate ventilation wear respiratory protection. For most conditions,

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no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as necessary.

**Environmental Exposure
Controls**

Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance:**

Physical State	Viscous liquid
Color	Clear
Odor	Mild
pH:	6.0 - 7.0
pH	6.0 - 7.0
Melting point / Freezing point	Not determined
Boiling Point / Boiling Range	Not determined
Freezing Point	Not determined
Flash Point	> 212°F (100°C)
Evaporation Rate	Not determined
Flammability (solid, gas)	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined (Air = 1)
Density	No data available
Water Solubility	Soluble
Partition coefficient	No information available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No information available.
Kinematic viscosity	No data available
Oxidizing Properties	Not applicable
Particle Size	No information available
Specific Gravity	0.99 - 1.03
Percent Volatile	Not determined
VOC Content (%)	Not applicable

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

No data available

9.2.2. Other safety characteristics

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No specific hazard known

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10.4. Conditions to avoid Strong oxidizing agents

10.5. Incompatible materials None known

10.6. Hazardous decomposition products Combustion may yield carbon monoxide, carbon dioxide, and other hazardous gases.

SECTION 11: Toxicological information**General Information**

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation	May irritate the respiratory tract and cause discomfort to nose and throat if exposed to mist.
Skin	Product is normally non-irritating. Product component testing produced no eye or skin irritation in rabbits
Eyes	Product is normally non-irritating. Product component testing produced no eye or skin irritation in rabbits
Ingestion	Very low toxicity but large quantities may cause abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product.

11.1. Information on toxicological effects**Mist Control®**

Acute Toxicity	Based on product components. Oral LD50: Rat > 4,500 mg/kg Dermal LD50: Rabbit > 4,500 mg/kg
Serious eye damage/eye irritation	Product was tested. Causes eye irritation
Skin Corrosion/Irritation	Product was tested. Based on available data, the classification criteria are not met.
Skin Sensitization	Product was tested. Based on available data, the classification criteria are not met.
Mutagenicity	No data available
Reproductive Toxicity	No data available.
Carcinogenicity	No data available
Specific target organ toxicity - Single exposure	No data available
Specific target organ toxicity - Repeated exposure	No data available

Mixture versus substance information Mixture

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties No endocrine disruptors present in concentrations $\geq 0.1\%$

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11.2.2. Other information Not applicable

SECTION 12: Ecological information

12.1. Toxicity Not considered to be harmful to aquatic life

12.2. Persistence and degradability No data available

12.3. Bioaccumulative potential No data available

12.4. Mobility in soil No data available

12.5. Results of PBT and vPvB assessment No data available

12.6. Endocrine disrupting properties No endocrine disruptors present in concentrations $\geq 0.1\%$

12.7. Other Adverse Effects None known

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Disposal Methods If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extend of contamination may require use of specialized disposal methods. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information**Mode of Transportation (Road, Water, Air, Rail)**

TDG -Canada	Not regulated
DOT	Not regulated
ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

14.1. UN number or ID number None

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14.1. UN number None

14.2. UN proper shipping name None

14.3. Transport hazard class(es) None

14.4. Packing group None

14.5. Environmental hazards No

14.6. Special precautions for user Not applicable

14.7. Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information**Global Inventories**

Pure substance/mixture Mixture

Chemical Name	CAS Number	Canada (DSL)	Mexico	TSCA: United States
Proprietary blend of polyacrylamide polymers and formulation aids	-	-	-	-

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

EPA**SARA 313**

None

SARA 302

Not listed

SARA 304

Not listed

SARA 311/312 Hazardous Categorization

None

CWA (Clean Water Act)

Not regulated

CAA (Clean Air Act)

Not regulated

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Proprietary blend of polyacrylamide polymers and formulation aids	-	-	-	-	-	-

Y: Listed ; N: Not Listed

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product does not contain any Proposition 65 chemicals

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This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

SECTION 16: Other information

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Abbreviations and acronyms	OSHA (Occupational Safety and Health Administration of the US Department of Labor) WHMIS (Workplace Hazardous Materials Information System) GHS (Globally Harmonized System) IARC (International Agency for Research on Cancer) PPE (Personal Protection Equipment) TWA (Time-Weighted Average) TLV® (Threshold Limit Value) STEL (Short Term Exposure Limit) RQ (Reportable Quantity) (RQ/% in mixture) DOT (Department of Transportation) TDG (Transport of Dangerous Goods) Canada IATA (International Air Transport Association) IMDG (International Maritime Dangerous Goods) ICAO (International Civil Aviation Organization)
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet