



Safety Data Sheet

RainDrops Plant Watering Granules 1lb

Revision date: August 30, 2019

Version 1.2

SECTION 1. IDENTIFICATION

Product Identifier	RainDrops Plant Watering Granules 1lb
Other Means of Identification	817504005536
Recommended Use	Moisture Retention Crystals for Plants
Restrictions on Use	N/A
Initial Supplier Identifier	The Environmental Factor Inc, 8-85 Chambers Drive, Ajax ON. L1Z1E2 Canada
Emergency Telephone Number	888-820-9992

SECTION 2. Hazards Identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture

2.2. Label elements

Not a hazardous substance or mixture

2.3. Other Hazards

None Known

SECTION 3. Composition / information on ingredients

3.1. Substances

Contains no hazardous ingredients according to GHS

3.2. Mixtures

N/A



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SECTION 4. FIRST-AID MEASURES

Inhalation	Ensure supply of fresh air In the event of symptoms seeks medical advice
Skin Contact	Wash thoroughly with soap and water
Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Ingestion	Rinse mouth and then drink 200-300 ml of water
Most Important Symptoms and Effects, Acute and Delayed	Further symptoms and / or effects are not known so far.
Immediate Medical Attention and Special Treatment	Treat symptomatically

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable	water spray, dry powder, CO2, use care not to splash adhesive
Extinguishing Media Unsuitable	Full water jet
Extinguishing Media Suitable	
Specific Hazards Arising from the Product	carbon monoxide, carbon dioxide
Special Protective Equipment and Precautions for Fire-Fighters	Wear self-contained breathing apparatus and chemical-protective clothing

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spillage	Ensure that all clean-up personnel wear all appropriate protective equipment. Do not allow material to get into sewer or waterway.
Methods for Containment and Cleaning Up	For small amounts: Contain with dust binding material and dispose of. For large amounts: Sweep / shovel up Avoid raising dust. Dispose of absorbed material in accordance with local regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.



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SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and / or face should be washed before breaks and at the end of the shift.
Conditions for Safe Storage	No special measures required Keep container dry

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Notes	Contains no substances with occupational exposure limits
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.
Individual Protection Measures	
Eye/Face Protection	Safety glasses with side shields. Tight fitting safety goggles (chemical goggles). Wear face shield if splashing hazard.
Skin Protection	Protective glove selection must be based on the user's assessment of the workplace hazards. Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.
Respiratory Protection	Respiratory protection not required.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white
Odour	odourless
Odour Threshold	Not determined
pH	Approx.. 6 1.0g/l In 0.9% NaCl-Solution
Melting Point and Freezing Point	N/A
Initial Boiling Point and Boiling Range	N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability (solid, gas)	No data available
Upper and Lower Flammability or Explosive Limit	Not measured
Vapour Pressure	< 10 hPa (20 °C)
Vapour Density (air = 1)	No data Available
Relative Density (water = 1)	Approx.. 0.7 g/cm ³
Solubility in Water	insoluble
Solubility in Other Liquids	N/A
Partition Coefficient, n-Octanol / Water (Log Kow)	N/A
Auto-ignition Temperature	Based on its structural properties the product is not classified as self-igniting.
Decomposition Temperature	N/A
Viscosity	N/a



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SECTION 10. STABILITY AND REACTIVITY

Stability	Stable
Chemical Stability	The product is stable if stored and handled as prescribed / indicated.
Possibility of Hazardous Reactions	Risk of dust explosions.
Conditions to Avoid	>200 °C
Incompatible Materials	Strong acids, strong bases, strong oxidizing agents
Hazardous Decomposition Products	No hazardous decomposition products if stored and handled as prescribed / indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Notes

Skin Corrosion / Irritation	Not irritating to the skin.
Serious Eye Damage / Irritation	Not irritating to the eyes.
STOT (Specific Target Organ Toxicity) –	Based on available information there is no specific target organ toxicity after a single exposure.
Single Exposure Aspiration Hazard	Virtually nontoxic by inhalation.
STOT (Specific Target Organ Toxicity) - Repeated Exposure	Based on available information there is no specific target organ toxicity after a single exposure.
Respiratory and/or Skin Sensitization	Assessment of repeated exposure toxicity: Virtually nontoxic after repeated exposure. Virtually nontoxic by inhalation. Virtually nontoxic after repeated skin contact.



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Section 11 Cont.

Carcinogenicity

The results of various animal studies gave no indication of a carcinogenic effect

Reproductive Toxicity

Development of Offspring	Animal studies gave no indication of a developmental toxic effect at doses that were non toxic to the parents.
Sexual Function and Fertility	The results of various animal studies gave no indication of a fertility impairing effect
Effects on or via Lactation	Animal studies gave no indication of a developmental toxic effect at doses that were non toxic to the parents.
Germ Cell Mutagenicity	N/A
Interactive Effects	Mutagenicity tests revealed no genotoxic potential

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity	Do not discharge product into the environment without control.
Persistence and Degradability	N/A
Bioaccumulative Potential	N/A
Mobility in Soil	N/A
Other Adverse Effects	N/A

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods	In accordance with local and national regulations Must be disposed of or incinerated in accordance with local regulations.
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SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

Land Transport Not Classified as a dangerous good under transport regulations
Sea Transport Not Classified as a dangerous good under transport regulations
Air Transport Not Classified as a dangerous good under transport regulations

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation Canada : WHMIS CLASSIFICATION
Not Rated
This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

US Federal Regulations

SARA Title III Section 311/312 Hazard Categories

- No SARA Hazards

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

- This material does not contain any components with a SARA 302 RQ.

SARA 304 - Emergency Release Notification

- This material does not contain any components with a section 304 EHS RQ.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

- Calculated RQ exceeds reasonably attainable upper limit.

CAS-No.: 79-10-7 5000 lbs /

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

- This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

- No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

State Regulations

US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

- No components are subject to the Massachusetts Right to Know Act.

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

- No components are subject to the Massachusetts Right to Know Act.

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

- No components are subject to the Massachusetts Right to Know Act.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

- This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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Other regulations none

HMIS Ratings 1
Health: 0
Flammability: 0
Reactivity: X
Personal
Protection:

Notification status listed/registered
USA (TSCA) or exempted
Canada (DSL) : listed/registered
or exempted

SECTION 16. OTHER INFORMATION

SDS Prepared by:

The Environmental Factor Inc.

Date of Latest August 30, 2019

Revision 3.2

RainDrops Plant Watering Granules 1lb *END OF DATA SHEET*