

SAFETY DATA SHEET

RainDrops

1. Identification

Product Name	RainDrops
Manufacturer	MorWater Solutions, LLC
Address	8409 Rushfield Ave, Las Vegas, NV, 89178
Telephone Number	(702) 715-4494
Emergency Telephone Number	(702) 715-4494, (940) 704-6707
Recommended Use	Hydrating Soil
Synonyms	Low foaming, highly surface active soil hydrating agent

2. Hazardous Identification

GHS Classification

Physical	Not Applicable
Health	Skin Irritation - Category 2 Eye Irritation - Category 2B
Environmental	Not Applicable

GHS Label Elements

Symbol	Exclamation mark
Signal Word	Warning



Hazard Statement	Causes Eye Irritation Causes Skin Irritation
Precautionary Statement	<p>Precautionary Statements: Warning</p> <p>Keep out of reach of children</p> <p>Notice: Before using this product read the entire precautionary statement, product information, directions for use, first aid measures, handling and storage, and warranties and disclaimers.</p> <p>First Aid Measures in Case of Contact:</p> <p><u>Eye Contact:</u> Do not rub eyes. Flush eyes with large amounts of water. If irritation persists consult a doctor.</p> <p><u>Skin Contact:</u> Remove contaminated clothing and shoes. Wash affected area and clothing with water. If redness develops consult physician.</p> <p><u>If swallowed:</u> drink 1-2 glasses of water to dilute in stomach. Call physician to seek medical attention immediately. Do not induce vomiting.</p>
Acute Health Hazards	There are no known acute health hazards at the recommended use dilution. Consult physician where prudent if overly exposed.

Routes of Exposure	
Eye Contact	Acute irritant
Skin Contact	Prolonged contact, irritant
Ingestion	Unknown, but expected to cause gastric distress
Inhalation	Unknown, but expected to cause respiratory distress
Health Hazards	There are no known health hazards with concentrate when using protective clothing. None at dilution.
Target Organs	None known
Signs and Symptoms of Exposure (acute Effects)	There are no known signs or symptoms of exposure, other than eye contact, irritation, and redness.
Signs and Symptoms of Exposure (possible longer term effects)	None known
Medical Conditions Generally Aggravated by Exposure	None known
Carcinogens Under OSHA, ACGIH, NTP, IARC	This product is not considered to be a carcinogen. Ethylene oxide in small amounts that might accumulate in headspace presents no significant exposure in ventilated area.
3. Composition/Information on Ingredients	
Composition is trade secret	
4. First Aid Measures	
Eye Contact	Flush Immediately with water
Skin Contact	Remove contaminated clothing and shoes. Wash affected area and clothing with water. If redness develops, consult physician.
Inhalation	Not applicable to vapor. If liquid is inhaled, consult physician immediately.
Ingestion	If swallowed, call a physician immediately. Do not induce vomiting. Seek medical attention immediately.
5. Fire Fighting Measures	
Suitable Extinguishing Method	The product will only burn after the water it contains is driven off. For residue, use water or carbon dioxide. Product does not burn. Aqueous solution is not flammable.
Fire Hazard Classification (OSHA/NFPA)	Product is noncombustible. Residue on Evaporation will burn.
Special Fire Fighting Procedures	The product as distributed, is noncombustible. High intensity spraying of released liquid can foam.
Unusual Fire and Explosion Hazards	When dried, polymer burns, water (H ₂ O), carbon dioxide (CO ₂), carbon monoxide (CO) and smoke are produced.
Special Protective Equipment	Firemen should wear full protective clothing.
6. Accidental Release Information	
Personal Precautions	Spilled concentrate is very slippery and may foam. Use care to avoid falls. A viscous film will form on drying. Remove saturated clothing and wash contaminated skin with water until no longer slick to the touch.

Environmental Precautions	Stop the leak; if possible. Ventilate the space involved.
Clean up Procedures	Recover spillage if practical. If recovery is not feasible , add mix with dry soil, sand or non - relative absorbent and place in an appropriate chemical waste container. Place in any suitable container (plastic or metal) for recovery or disposal. After recovering spillage as given above, flush area with water spray until no longer slippery. For large spills, recover spilled material with a vacuum truck.
7. Handling and Storage	
Storage	Observe routine storage procedure for concentrated chemicals.
Handling and Storage	No special precautions required for handling. Store concentrate in open area with ventilation.
Other Precautions	No special precautions required.
8. Exposure Controls/Personal Protection	
Eye Protection	Chemical safety glasses when diluting concentrate
Hand Protection	Rubber gloves when handling concentrate
Respiratory Protection	Not required under normal conditions in open area
Protective Clothing	No specific requirements
Work and Hygienic Practices	Rinse hands with water after handling either concentrate or diluted product.
Exposure Limits	TWA STEL CEILING
OSHA	N/E N/E N/E N/E N/E N/E
ACGIH	N/E N/E N/E N/E N/E N/E
Exposure Standards	Under normal conditions of use in the open air with minimum of precaution to avoid eye contact, the concentrate poses no exposure hazard. At the use - dilution, spraying on base material poses no acute exposure hazard. The only volatile component of significance is water.
9. Physical and Chemical Properties	
Physical Form	Mobile, liquid
Color	Clear, colorless to blue
Odor	Mild
pH	6.9
Vapor Pressure (mm Hg)	Water vapor at 21C (70F)
Vapor Density (Air=1)	Of water vapor
Cloud Point at 1% Solution	>40 C (>100 F)
Boiling Point	>100 C (>212 F)
Melting Point	NA
Solubility in Water	100% soluble
Specific Gravity (Water=1)	1.04 prox
Exposure Limits	None established by OSHA, ACGIH, or UCC
Flash Point (closed cup)	NA (water)
Upper Explosion Limit (UEL)	NA (water)

Lower Explosion Limit (LEL)	NA (water)
Auto Ignition Temperature	NA (water)
10. Stability and Reactivity	
Chemical Stability	Stable at moderate ambient temperatures
Conditions to Avoid	Avoid excessive heat to avoid evaporation. Store in well ventilated area.
Incompatibility	None known
Hazardous Decomposition	In a fire, evaporation of water is followed by burning of surfactant and other carbon-containing components, giving off carbon dioxide, carbon monoxide, nitrogen oxides, and traces of silica.
Hazardous Polymerization	Will not occur.
11. Toxicological Properties	
Acute Oral Toxicity (LD50, Rat)	No Data
Acute Dermal Toxicity (LD50, Rabbit)	No Data
Acute Inhalation Toxicity (LC50, Rat)	No Data
Irritation Effects Data	No Data
Chronic/Sub chronic Data	No Data
12. Ecological Information	
Ecotoxicity	At use-dilution, no known ecotoxic effects.
Environmental	Bacterial degradation to carbon dioxide and water.
Additional Information	No data
13. Disposable Considerations	
Waste Disposal	Comply with all Federal, State, and Local Regulations. For small quantities (less than 100 gallons): Disposal to municipal or industrial wastewater treatment plants is normally acceptable. Obtain approval from these authorities before disposal. The product foams when agitated, which may be a problem for sewage treatment plants. For large quantities: Disposal through licensed waste disposal facilities is suggested. The product can be incinerated.
14. Transport Information	
DOT Non-Bulk Shipping Name	Surfactant - Not DOT regulated/Keep from freezing
DOT Bulk Shipping Name	Refer to Bill of Lading
IMO Shipping Data	Refer to Bill of Lading
ICAO/IATA Shipping Data	Surfactant - Not DOT regulated/Keep from freezing
15. Regulatory Information	
US Federal Regulations	
Toxic Substances Control Act (TSCA)	None
Toxic Substances Control Act (TSCA) 12(b) Component(s)	None

OSHA Hazard Communication Standard (29CFR1310.1200) hazard class(es)	None
EPA SARA Title III Section 312 (40CFR370) hazard class	None
EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are	None
16. Other Information	
MSDS Prep Date	February, 2005
SDS Revision Date	April 2018
Heavy Metals	Information regarding the contents and levels of metals in this product is available on the internet at: http://www.aapfco.org/metals.html