




SAFETY DATA SHEET

1. Identification

Product Identifier	Majestic Marble Spray Crystallizer		
Other means of identification	MAJR02		
Product code			
Recommended use	Crystallizer for stone and concrete.		
Recommended restrictions	Professional use only. Use as directed		
Manufacturer information			
Company name	M3 Technologies, Inc.		
Address	57 Lamberts Lane Cohasset, MA 02025		
Telephone	(800) 342-4533		
Emergency phone number	CHEMTREC	(800) 424-9300	
	24-hour Emergency	(800) 424-9300	

2. Hazard(s) Identification

Physical hazards	Not classified.		
Health hazards	Acute toxicity, oral	Category 5	
	Eye irritation	Category 2A	
Environmental hazards	Not classified.		
OSHA defined hazards	Not listed.		
Label elements			

Signal word	WARNING		
Hazard statement	May be harmful if swallowed. Causes serious eye irritation.		
Precautionary statement			
Prevention	Wash hands and exposed skin thoroughly after handling. Wear eye protection/face protection.		
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. Call a POISON CENTER/doctor/medical professional if you feel unwell.		
Storage	No prescriptive instruction		
Disposal	No prescriptive instruction		
Hazard(s) not otherwise classified (HNOC)	None.		
Supplemental information	None.		

3. Composition/information on ingredients

Mixture Component(s)			
Chemical name	CAS number	Purpose	%
Water	7732-18-5	Solvent	70-100%
Magnesium Fluorosilicate	16949-65-8	Dispersion Agent	5-15%
Carnauba Wax	8015-86-9	Buffable Wax	5-10%
Oxalic Acid	144-62-7	pH Adjuster	1-5%
Cocamidopropyl Betaine	61789-40-0	Surfactant	0-0.1%



SAFETY DATA SHEET

Sodium Chloride	7647-14-5	Viscosity Agent	0-0.1%
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4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. Causes skin irritation and serious eye irritation.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
Methods and materials for containment and cleaning up	<p>Caution – spillages may be slippery.</p> <p>Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.</p> <p>Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination.</p> <p>Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.</p>
Environmental precautions	Avoid discharge into surface drainage paths and other areas not consistent with package labeling.



SAFETY DATA SHEET

7. Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Do not store in extreme conditions.

8. Exposure controls/personal protection

Occupational exposure limits

OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Oxalic Acid	PEL	1 mg/m ³
Magnesium Hexafluorosilicate	PEL	2.5 mg/m ³ (as F)

ACGIH Threshold Limit Values

Components	Type	Value
Oxalic Acid	STEL	2 mg/m ³
Magnesium Hexafluorosilicate	STEL	2.5 mg/m ³ (as F)

Biological limit values

None established

Appropriate engineering controls Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile and PVC rubber.

Other

Wear long sleeve shirts with pants. Depending on exposure and use conditions, additional protection may be necessary to prevent skin contact including use of items such as chemical-resistant boots, aprons, arm covers, hoods or coveralls.

Respiratory protection

Respiratory protection not required for prescribed use of this product

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical State	Milky liquid
Color	Pink
Odor	Characteristic
Odor threshold	Not available
pH	1-2



SAFETY DATA SHEET

Melting/freezing point	Not available.
Initial boiling point and boiling range	212°F (100°C)
Flash point	Does not flash
Evaporation rate	Not available
Flammability	Not available
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.04
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	>212°F (100°C)
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames.
Incompatible materials	Reactive metals (e.g. sodium, calcium, zinc), strong acids, oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide.

11. Toxicological information

Information on likely routes of exposure	
Ingestion	May result in headache and nausea.
Inhalation	Mist is irritant to respiratory tract.
Skin contact	Repeated and/or prolonged skin contact causes skin irritation.
Eye contact	Liquid or mist causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction, skin irritation, serious eye irritation.
Acute toxicity	May be harmful if swallowed.

Product Majestic Marble Spray Crystallizer (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀ /LC ₅₀
Acute	Oral, rat	LD ₅₀ : 2,941 mg/kg (estimated)
*Estimates for product may be based on additional component data not shown		

Skin corrosion/irritation	Not classified.
Serious eye damage/ irritation	Causes serious eye irritation.
Respiratory sensitization	Not classified.



SAFETY DATA SHEET

Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.
Reproductive toxicity	Not classified.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Aspiration hazard	Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity
No data available relative to the specific eco-toxicity of this product to the aquatic environment

Persistence and degradability	No data available.
Bioaccumulative potential	No data available. Primary components are water-soluble and not expected to accumulate in stable biological systems
Mobility in soil	Not available. Chemicals of these classes are highly water soluble and will readily dissociate on solution and partition weakly to particles in low-clay soil matrices. The dissociated fractions are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
Other adverse effects	The alkalinity of this material may have a local effect on ecosystems sensitive to changes in pH.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations. As packaged, this product may meet criteria defining RCRA corrosive (D002) hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
Waste from residues/unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

USDOT

UN number	UN1760
UN proper shipping name	Corrosive Liquids, n.o.s. (Contains oxalic acid, magnesium fluorosilicate)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packaging group	III
Marine pollutant	No



SAFETY DATA SHEET

Special precautions for user Read safety instructions, SDS, and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not intended to be transported in bulk.

USDOT



15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2019)

16. Other information, including date of preparation or last revision

Issue date 2/19/2015

Revision date 11/10/2020

Version # 3

HMIS® ratings Health: 2
Flammability: 0
Physical hazard: 0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>



SAFETY DATA SHEET

NFPA ratings

Health: 2
Flammability: 0
Instability: 0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information

Update Composition information in compliance with updated standards.