

SAFETY DATA SHEET

Section 1: Identification

1.1 Product Name: ArableONETM

1.2 Chemical Name/Synonyms: Polyhydroxyl, Polymeric Lechate

1.3 Company: Arable Technology's Inc.

1.4 Web site: <https://www.arableone.com>

1.5 Email address: info@arableone.com

Arable Technology's

13885 Alton Pkwy "B"

Irvine, CA 92618

1.6 In an emergency call 911.

1.7 For info about this SDS, use this department contact phone#: 1-310-801-1276

Section 2: Hazards Identification

2.1 Hazard Classification: Non-hazardous

2.2 Signal Word(s): Warning

2.3 Hazard Statements: Generally non-toxic

2.4 Pictograms: N/A

2.5 Precautionary Statements: Waste Disposal Method: Conform to local, state and federal regulations. Handling & Storing: Best to store at room temperature. Avoid direct skin contact. Other Precautions: Do not ingest. Wash hands with soap and water after use. Route(s) of Entry: Avoid direct skin contact. Do not ingest. Health Hazards: Wash hands with soap and water after handling. Avoid direct skin contact. Allergic reactions

may occur in hypersensitive individuals. Respiratory Protection: None. Ventilation: Nothing special required. Protective Gloves: Yes, rubber gloves. Eye Protection: Yes, plastic glasses or goggles. Other Protective Equipment: Washing facilities should be available.

2.6 Description of other hazards: N/A

Section 3: Composition / Information on Ingredients

Chemical Name	Synonym	CAS#	Concentration
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Nitrogen	N	7727-37-9	5.0%
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Iron	Fe	07439-89-6	.10%
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Manganese	Mn	747439-96-5	.07%
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Zinc	Zn	7440-66-6	.07%
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Ammonium Nitrogen	NH ₃	6484-52-2	2.0%
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Soluble Phosphate	P	14265-44-2	1.0%
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Section 4: First-Aid Measures

4.1 After skin contact: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water.

4.2 After eye contact: Flush eyes with large amounts of water for at least 15 minutes. Seek medical attention if irritation persists.

4.3 After inhalation: Breathe fresh air.

4.4 After swallowing: If swallowed, drink large amounts of water, do not induce vomiting.

Section 5: Fire-Fighting Measures

5.1 Suitable extinguishing agents: Non-flammable.

5.2 Special protective equipment for firefighters: None required.

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Section 6: Accidental Release Measures

6.1 Personal precautions: Wear waterproof gloves, and eye protection. Shoes and socks, long pants and long sleeve shirts should be worn.

6.2 Measures for environmental protection: DO NOT release into service drainage or sewer systems or water ways.

6.3 Measures for cleaning/collecting: If uncontaminated, recover and reuse. Clean residue with soap and water. In case of large spill, protect people by clearing and isolating or diking the affected area. In event of accidental release, minimum protection of protective gloves and goggles should be worn. Do not allow to enter water ways or drains.

Section 7: Handling and Storage

7.1 Handling: Avoid contact with eyes, skin and clothing. Users should wash hands before eating or drinking. Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

7.2 Storage: Store at room temperature is preferred. Storage temperature can range

from 40-105 F.

7.3 Inspect containers: Inspect all incoming containers before storage to ensure all are properly labeled and not damaged. Keep containers tightly closed when not in use. Keep away from reach of children and pets. Whenever possible, place containers in diked area. Store in cool place out of direct sunlight. Do not contaminate water or food. Do not store product containers near animal feed storage.

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Section 8: Exposure Controls / Personal Protection

Chemical Name OSHA PEL OSHA PEL

(Ceiling)

ACGIH OEL

(TWA)

ACGIH OEL

(STEL)

Nitrogen N/A

Iron N/A

Manganese N/A

Zinc N/A

Ammonium Nitrogen N/A

Soluble Phosphate N/A

8.1 General protective and hygienic measures: Wear eye protection and waterproof gloves. Wash with soap and water after handling product.

8.2 Breathing equipment: None required.

8.3 Protection of hands: Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good practices. Wash hands thoroughly with soap and water.

8.4 Eye protection: Wear appropriate protective eyeglasses or chemical safety glasses as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European standard EN166.

8.5 Engineering controls (ventilation): General ventilation is adequate. Local exhaust should be used if needed for comfortable working conditions.

8.6 Work hygiene and maintenance practices: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and clothing. User should wash hands before eating or drinking. Remove all dirty contaminated clothing. Wash clothing in soap and water before putting clothes back on.

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Section 9: Physical and Chemical Properties

9.1 Form: Liquid, brownish/black color

9.2 Odor: Light ammonia odor

9.3 Odor threshold: N/A

- 9.4 pH: 8.6
- 9.5 Melting point/melting range: N/A
- 9.6 Boiling point/boiling range: 212 F
- 9.7 Flash point: N/A
- 9.8 Evaporation rate: 0.3
- 9.9 Flammability: Non-flammable
- 9.10 Upper/lower flammability or explosive limits: N/A
- 9.11 Auto ignition temperature: N/A
- 9.12 Danger of explosion: N/A
- 9.13 Vapor pressure: N/A
- 9.14 Vapor density: N/A
- 9.15 Relative density: 1
- 9.16 Solubility in/Miscibility with water: Soluble

Section 10: Stability and Reactivity

- 10.1 Reactivity: Not reactive
- 10.2 Chemical stability: Stable
- 10.3 Conditions to avoid: N/A
- 10.4 Incompatible materials: N/A
- 10.5 Hazardous decomposition products: Will not occur

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Section 11: Toxicological Information

11.1 Acute toxicity: This product is considered generally non-toxic.

11.2 Potential routes of exposure/potential health effects:

Skin: N/A

Eye: N/A

Inhalation: N/A

Ingestion: N/A

Carcinogenic effects: None

Mutagenic effects: None

Reproductive toxicity: N/A

Sensitization: N/A

Target organs: N/A

Section 12: Ecological Information (non-mandatory)

12.1 Ecotoxicity: N/A

12.2 Mobility: N/A

12.3 Biodegradation: Biodegradable

12.4 Bioaccumulation: N/A

12.5 Environmental exposure controls: Do not apply directly to water or areas where surface water is present or areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

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Section 13: Disposal Considerations (non-mandatory)

13.1 Disposal: This product is non-hazardous waste in its original form. Users may re-evaluate its classification due to any mixtures, usage or contamination that may occur during their handling. Waste disposal must be done following all federal, state and local regulations. This product, if unaltered by use, may be disposed of at a permitted facility or as advised by your local waste regulatory authority.

13.2 Container: Non refillable container, do not reuse or refill product container. Offer for recycling, or puncture and dispose of in accordance with your local waste regulatory authority.

Section 14: Transport Information (non-mandatory)

14.1 UN Number: UN 3105

14.2 DOT Regulations: Non-hazardous

☐ Hazard Class: N/A

☐ Land Transport ADR/RID (cross-border): N/A

☐ ADR/RID Class: N/A

☐ Maritime Transport IMDG: Not regulated. Trade name: ArableONETM

14.3 Air transport ICAO-TI and IATA-DGR: Not regulated. Trade name: ArableONETM

☐ ICAO/IATA Class: Not regulated. Trade name: ArableONETM

Section 15: Regulatory Information (non-mandatory)

15.1 US Federal Regulations: N/A

15.2 SARA Section 355 (extremely hazardous substances): N/A

15.3 SARA Section 313 (specific toxic chemical listings): N/A

15.4 Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): N/A

15.5 TSCA (Toxic Substances Control Act): N/A

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Section 16: Other Information

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