



SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name 1 Year Plant Fertilizer 13-13-13

Revised 06/16

Product ID 98916, 98917

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 1 Year Plant Fertilizer 13-13-13

SYNONYMS: n/a

PRODUCT CODES: 98916, 98917

MANUFACTURER: Aquascape, Inc.

DIVISION: n/a

ADDRESS: 901 Aqualand Way, St. Charles, IL 60174

EMERGENCY PHONE: 866-877-6637 **CANADA:** 866-766-3426

OTHER CALLS: 630-659-2000 **FAX:** 630-659-2100

CHEMICAL NAME: Ammonium nitrate based fertilizer coated with resin
COMMON NAME: Fertilizer

CHEMICAL FORMULA: n/a

PREPARED BY: Aquascape, Inc.

SECTION 2

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Granular Grey

Odor: None

POTENTIAL HEALTH EFFECTS

EYES: Dust from this product may cause particulate discomfort to eyes.

SKIN: Prolonged or repeated direct contact with fertilizer may irritate skin.

INGESTION: Ingestion of large quantities may lead to symptoms such as headache, dizziness and vomiting.

INHALATION: Inhalation of dust may irritate nose, throat, and lungs.

CARCINOGENICITY

OSHA: n/a
 IARC: n/a
 ACGIH: n/a
 OTHER: n/a
 NTP: n/a

SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS INGREDIENTS**

None known.

Chemical Names and Synonyms	WT %	CAS No.
Nitrogen	13	7727-37-9
Nitrate Nitrogen	1.8	n/a
Ammoniacal Nitrogen (constituent of N)	7.1	n/a
Water Soluble Nitrogen (constituent of N)	1.85	n/a
Water Insoluble Nitrogen (constituent of N)	2.25	n/a
Phosphate	13	7723-14-0
Soluble Potash	13	7440-09-7
Calcium	1	7440-70-2
Magnesium	1.2	10257-54-2
Water Soluble Sulfur	0.75	10043-35-3
Sulfur	3.6	10102-40-6
Chlorine	<1	7446-19-7
Copper	0.05	7440-50-8
Iron	2	7439-89-6
Water Soluble Iron	0.16	n/a
Chelated Iron	0.15	n/a
Manganese	0.95	7439-96-5
Water Soluble Manganese	0.01	n/a
Zinc	0.12	7440-66-6
Water Soluble Zinc (constituent of Zn)	0.01	n/a

SECTION 4**FIRST AID MEASURES**

EYES: Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open.

SKIN: Wash the affected area thoroughly with soap and water.
 Clean Clothing
 Consult physician if redness or irritation persists.

INGESTION: Thoroughly rinse mouth with water

Drink plenty of fluids
Slight gastrointestinal discomfort may occur

INHALATION: n/a

SECTION 5 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA any

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS none

SPECIAL EXPOSURE HAZARDS IN A FIRE none

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS none

OTHER INFORMATION none

SECTION 6 ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect

and reuse as recommended for product. If contaminated, sweep up and scoop into suitable container for disposal. Keep spills away from drinking water supplies.

After cleaning up spill, flush area with water.

METHODS FOR CLEAN UP Apply as fertilizer to field. If product is contaminated, dispose of in an approved landfill

disposal facility, in accordance with applicable federal, state, and local regulations.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE Store in a cool, dry area away from incompatible materials and heat sources.

Avoid mixing with fuels, other combustible materials and strong alkaline agents.

Keep out of reach of children and pets.

Store away from reducing agents.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	n/a
VENTILATION:	Wear suitable NIOSH approved dust masks or respiratory protector.
RESPIRATORY PROTECTION:	none required
EYE PROTECTION:	ANSI approved safety glasses with side protection or goggles.
SKIN PROTECTION:	Wear suitable protective clothing
HYGIENIC PRACTICES:	Handle in accordance with good hygiene and safety practice.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE:	Granular Grey
ODOR:	None

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

pH:	5
BOILING POINT	not applicable
FLASH POINT	not available
MELTING POINT	not applicable
FLAMMABILITY (SOLID, GAS)	NA
EXPLOSIVE PROPERTIES	non-explosive
VAPOR PRESSURE:	not applicable
VAPOR DENSITY:	not applicable
BULK DENSITY	not available
EVAPORATION RATE:	not applicable
SOLUBILITY IN WATER:	Fertilizer inside the coating dissolves in water gradually.
DECOMPOSITION TEMPERATURE	not applicable
VISCOSITY:	not applicable

SECTION 10

STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Contact with fuels and other petro-organic or combustible materials. Active metals such as aluminum and magnesium.
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong oxidizing (permanganate, dichromate, nitrate, chlorine) and reducing agents, sodium nitrite and many chlorine compounds (including household bleach and other

cleaning products). Active metals such as aluminum and magnesium.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: In a fire, may produce oxides of nitrogen, magnesium, potassium, and sulfur; as well as, ammonia.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS: Decomposes on heating to high temperatures to emit ammonia, as well as toxic oxides of nitrogen, potassium, and sulfur. High airborne dust concentrations have the potential for explosion.

CONDITIONS TO AVOID: Extreme heat. Contact with strong alkalies, oxidizers, and reducing agents. Contact with fuels and other petro-organic or combustible materials. Active metals such as aluminum and magnesium.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:

ACUTE ORAL TOXICITY none known

ACUTE INHALATION TOXICITY none known

ACUTE DERMAL IRRITATION/CORROSION none known

SKIN IRRITATION none

EYE IRRITATION acute

SENSITIZATION none

CHRONIC TOXICITY n/a

CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION: none known

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

ACUTE TOXICITY: none known

MOBILITY: not applicable

PERSISTENCE AND DEGRADABILITY: none known

BIOACCUMULATIVE POTENTIAL: is not known to accumulate

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT: Dispose of within current local and state regulations.

PACKAGING TREATMENT: No special method required.
Consult federal, state, and local regulations regarding the proper disposal of emptied containers.

RCRA HAZARD CLASS: n/a

SECTION 14 **TRANSPORT INFORMATION**

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING Ammonium Nitrate
NAME: Based Fertilizer
HAZARD CLASS: 9
ID NUMBER: UN2071
LABEL 9
STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING Ammonium Nitrate
NAME: Based Fertilizer
HAZARD CLASS: 9
ID NUMBER: 2071
LABEL none
STATEMENT:

AIR TRANSPORTATION

PROPER SHIPPING Ammonium Nitrate
NAME: Based Fertilizer
HAZARD CLASS: 9
UN NUMBER: 2071
LABEL none
STATEMENT:

SECTION 15 **REGULATORY INFORMATION**

OSHA STATUS: 29 CFR 1910.1200.
TSCA STATUS: see 2. COMPOSITION/INFORMATION ON INGREDIENTS
CERCLA REPORTABLE QUANTITY (40CFR117,302): None
SARA TITLE I

SECTION 302 (40 CFR 355)

SECTION 311/312 (40 CFR 370)

- 1 Immediate (Acute) Health Effect ; No
- 2 Delayed (Chronic) Health Effect; No
- 3 Fire Hazard; No
- 4 Sudden Release of Pressure Hazard; No
- 5 Reactivity Hazard; No

SECTION 313 (40 CFR 372)

Please refer to any other federal, state and local regulations.

SECTION 16 **OTHER INFORMATION**

KEEP OUT OF REACH OF CHILDREN

Although the information and recommendations set forth in this sheet are believed to be

correct as of the date hereof, Aquascape, Inc. makes no representation as to the completeness or accuracy of such information and recommendations. Aquascape, Inc. shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon such information and recommendations. You are encouraged to advise anyone working with or exposed to such products of the information contained herein.

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