

**Material Safety Data Sheet**

**SECTION 1 - IDENTIFICATION OF PREPARATION**

**Product name:** Liquid Sand

**Application:** Plant mineral supplement

**Manufacturer Identification:** Green Air Products, Inc.  
PO Box 1318  
Gresham, OR 97030

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical composition:</b> Potassium Silicate - 13.5-14.5% by volume	<b>Chemical Information:</b> CAS No.: 1312-76-1 , EINECS: 215-199-1 OSHA-PEL: none established ACGIH-TLV: none established NIOSH-REL: none established
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**SECTION 3 - HAZARD IDENTIFICATION/HEALTH EFFECTS**

Do not get in eye. Material will induce burning pain of the eyes, redness and tearing. Material may cause burning or itching in nose and throat if inhaled. Material may induce slight itching or buring on skin.

<b>SWALLOWED:</b>	May irritate esophagus and stomach is swallowed
<b>EYE:</b>	Causes eye irritation
<b>SKIN:</b>	Potential skin irritant
<b>INHALED:</b>	May cause irritation to upper respiratory track if inhaled
<b>CARCINOGENICITY:</b>	This material is not listed (IARC, NTP, OSHA) as a cancer causing agent.

**SECTION 4 - FIRST AID MEASURES**

<b>SWALLOWED:</b>	<b>If swallowed</b> , DO NOT induce vomiting. Get medical attention immediately. If victim is conscious, give a plenty of water to drink. Never give anything by mouth to an unconscious.
<b>EYE:</b>	<b>If in eyes</b> , immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists.
<b>SKIN:</b>	<b>In on skin</b> , flush with plenty of water. Remove contaminated clothings. Get medical attention if irritation persists.
<b>INHALED:</b>	<b>If inhaled</b> , remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention if any irritation and burning of the throat developes.
<b>NOTE TO PHYSICIAN:</b>	Treat symptomatically as indicated for exposure to alkaline substances. Asthma, lung diseases and skin conditions may be aggravated by exposure

## SECTION 5 - FIRE FIGHTING MEASURES

<b>FLAMMABILITY:</b>	Non-flammable. Not a fire hazard.
<b>EXTINGUISHING MEDIA:</b>	Use media suitable to extinguish source of fire.
<b>HAZARDOUS DECOMPOSITION MATERIALS:</b>	Hydrogen gas

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>In case of accidental spill or release:</b>	Spilled material will be slippery. Use sand, clay or earth (dirt) to contain spilled material; then sweep up and dispose of solid waste in accordance with State and local requirements. Do not allow spilled material to run off and contaminate storm sewers, ditches or natural waterways.
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## SECTION 7 - HANDLING AND STORAGE

<b>HANDLING:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Wear eye protection when using this product.
<b>STORAGE:</b>	Keep container closed. Store only in original container and away from acids, reactive metals and ammonium salts. Storage out of direct sunlight and at temperatures above freezing. Storage temperature: 30-200°F (0-95°C).

## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	Ensure adequate ventilation when using this product.
<b>PERSONAL PROTECTION:</b>	Wear eye protection. Gloves recommended.

## SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

<b>APPEARANCE and ODOR:</b>	Clear to hazy white liquid, with little to no odor.
<b>AUTOIGNITION TEMPERATURE:</b>	none
<b>BOILING POINT:</b>	>212°F (100°C)
<b>EXPLOSION LIMITS:</b>	n/a
<b>FLASH POINT:</b>	n/a
<b>FREEZING POINT</b>	32°F (0°C)
<b>MELTING POINT:</b>	n/a
<b>pH:</b>	11.5
<b>SOLUBILITY IN WATER:</b>	Complete
<b>SPECIFIC GRAVITY:</b>	1.065
<b>VAPOR DENSITY:</b>	not established
<b>VAPOR PRESSURE:</b>	not established

## SECTION 10 - STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable
<b>REACTIVITY:</b>	Generate heat with mixed with acids. May react with ammonium salts resulting in ammonia gas. Flammable hydrogen gas may be generated upon contact with aluminum, tin, lead and zinc.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY:**

LD50 value for this product has not been established; however, based on composition and alkalinity (high pH), this product is regarded as a primary eye irritant and with potential to be an abrasive skin irritant.

**SECTION 12 - ECOLOGICAL INFORMATION**

**AVOID CONTAMINATING WATERWAYS:**

This product is not persistent in aquatic environments; however undiluted material is acutely harmful to aquatic life due to high pH. Diluted material rapidly depolymerizes to yield dissolved silica in a form that is indistinguishable from natural silica (sand).

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**DISPOSAL:**

Neutralize, and then landfill solids or flush liquid to sewer in accordance with Federal, State and local regulations.

**SECTION 14 - TRANSPORT INFORMATION**

**DOT Proper Shipping Name:**

not regulated

**IMDG class:**

not regulated

**DOT ID No:**

not regulated

**Packaging group:**

not regulated

**PLACARD:**

none

**LABEL:**

none

**SECTION 15 - REGULATORY INFORMATION**

**TSCA INVENTORY:**

All ingredients exempt or listed on the TSCA inventory. No CERCLA reporting required.

**OSHA FLOOR LIST:**

No

**SARA 313 / 40 CFR Part 372:**

Not regulated under SARA Title III.

**SECTION 16 - OTHER INFORMATION**

**Emergency telephone number:**

**1-800-669-2113 Mon-Fri, 7:30AM - 5:00PM PST**

*For immediate response during non-business hours, please contact your local poison control center for more information.*

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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