

SAFETY DATA SHEET



SoilBuilder™

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

1. IDENTIFICATION

PRODUCTNAME: SoilBuilder™

MANUFACTURED BY:

Agricen
Frisco Headquarters, 2600 Network Blvd., Suite 290, Frisco, TX 75034

24-Hour Emergency Phone: 1-800-424-9300

Medical Emergencies: 1-866-944-8565

U.S. Coast Guard National Response Center: 1-800-424-8802

CHEMICALNAME: Mixture

RECOMMENDED USE: Microbial-based Soil Amendment

EPA REG. NO.: Not applicable

Date of Issue: 05/28/15

Supersedes: 02/14

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Not classified

GHS LABEL ELEMENTS: None

UNCLASSIFIED HAZARDS: May cause slight skin and eye irritation. May be harmful if swallowed, inhaled, or absorbed through skin.

PERCENTAGE OF INGREDIENTS WITH UNKNOWN TOXICITY: Zero

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Microorganisms	< 1.00	Mixture	none established
Water-based culture medium	99.00		

The specific chemical identities and percentages of composition have been withheld as trade secrets.

4. FIRST AID MEASURES

If in eyes: Flush eyes with clean running water for at least 15 minutes. If irritation persists, get medical attention.

If on skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists or if rash develops, get medical attention.

If swallowed: If conscious, drink 1 or 2 glasses of water. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove to fresh air. If irritation persists, get medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: May cause slight skin and eye irritation. May be harmful if swallowed, inhaled, or absorbed through skin.

IMMEDIATE MEDICAL ATTENTION REQUIRED: None needed.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/TestMethod): Does not flash.

FLAMMABLE LIMITS (LFL & UFL): Not established

EXTINGUISHING MEDIA: Considered non-combustible, use medium appropriate to surrounding fire. Dry chemical, carbon dioxide (CO₂), foam, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: May include but are not limited to oxides of carbon and oxides of sulfur, ammonia, and oxides of nitrogen.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to fire. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may burst due to pressure build-up of aqua ammonia.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Contain spill, absorb liquid with clay or other absorbent material. Sweep up material and place in container for possible land application according to label use or for proper disposal. Check local, state and federal regulations for proper disposal.

PERSONAL PRECAUTIONS:

See Section 8 for personal protective equipment requirements.

ENVIRONMENTAL PRECAUTIONS:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Avoid breathing fertilizer mists. Open the container carefully. Contents may be under pressure. Eye protection and gloves are suggested when handling undiluted product. Use with adequate ventilation. Wash hands thoroughly after handling this product.

STORAGE: Store product in dark fiberglass or plastic containers out of direct sunlight or UV light. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. PROTECT FROM FREEZING. Do not contaminate water, food, or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: None assigned
ENGINEERING CONTROLS: Not normally required.
RESPIRATORY PROTECTION: Not normally required.
EYE PROTECTION: Chemical goggles or shielded safety glasses.
SKIN PROTECTION: Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light yellow to brown liquid with slight earthy odor
pH: Not established
SPECIFIC GRAVITY (Water = 1): 1.0 g/ml
VAPOR PRESSURE: 17 mm Hg
PERCENT VOLATILE (by volume): Not established
PARTITION COEFFICIENT: Not established
AUTO-IGNITION TEMP: Not established

MELTING POINT: Not established
BULK DENSITY: 8.30 lbs/gal.
BOILING POINT: 212°F/100°C
EVAPORATION RATE: Not established
DECOMPOSITION TEMP: Not established

SOLUBILITY: 100% soluble
FLASH POINT: Does not flash
FLAMMABILITY: Not flammable
VAPOR DENSITY: Not established
VISCOSITY: Not established

10. STABILITY AND REACTIVITY

REACTIVITY: Non-reactive
STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat. Keep containers tightly closed.
INCOMPATIBILITY: Incompatible with insecticides, fungicides, and some herbicides.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established
Eye Irritation (rabbit): May cause irritation
Inhalation LC₅₀ (rat): Not established
Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

Acute Dermal LD₅₀ (rabbit): Not established
Skin Irritation (rabbit): May cause irritation
Skin Sensitization (guinea pig): Not established.

12. ECOLOGICAL INFORMATION

Do not contaminate water supplies.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Rinse container thoroughly, adding rinsate to mixing tank. Then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Avoid contaminating water by disposal of equipment wash waters or other product wastes.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT
Freight Classification: FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI, LIQUID (NMFC 68140, SUB 6; CLASS 70)
 Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA		HMIS
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
		4 Severe	

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:	Immediate	<u>Y</u>	Fire	<u>N</u>	Sudden Release of Pressure	<u>N</u>
	Delayed	<u>N</u>	Reactive	<u>N</u>		

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

16. OTHER INFORMATION

SDS STATUS: Prepared May 28, 2015

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and AGRICEN disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.