



Safety Data Sheet

Current revision 9/21/15

SECTION 1 — CHEMICAL PRODUCT AND COMPANY INFORMATION	
RS Technologies 1900 W Chandler Blvd., #15-349 Chandler, AZ 85224	Telephone: 480-237-9363 Emergency Telephone Number: 1-800-535-5053
Product Code: LC-150-01 Appearance: White Form: Liquid Odor: Characteristic Product Name: Grout Plus Recommended Use: Admix for pool/spa grout Restrictions on use or sale: None NFPA Profile: Health 1 Flammability 0 Reactivity 0	

SECTION 2 — OSHA HAZARDOUS COMPONENTS			
CAS Number	Wt. %	Component	Exposure Limits
Blend	100%	Proprietary	None

SECTION 3 — EFFECTS OF OVEREXPOSURE	
Acute Effects Eye: Direct contact may cause irritation Skin: No untoward effects Inhalation: No untoward effects Oral: No untoward effects	
Prolonged/Repeated Exposure Effects Skin: No untoward effects Inhalation: No untoward effects Oral: No untoward effects	
Signs and Symptoms of Overexposure No known applicable information	

Medical Conditions Aggravated by Exposure

No known applicable information

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

SECTION 4 — FIRST AID MEASURES

Eye:	Immediately flush with water for 15 minutes. Get medical attention.
Skin:	Get medical attention if irritation or ill effects develop or persist.
Inhalation:	Remove to fresh air. Get medical attention if ill effects persist.
Oral:	Get medical attention if ill effects develop or persist.
Comments:	None

SECTION 5 — FIRE FIGHTING MEASURES

Flash Point (closed cup):	None
Autoignition Temperature:	Not Applicable
Extinguishing Media:	Not Applicable
Fire Fighting Procedures:	Not Applicable
Unusual Fire Hazards:	None

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or very high heat conditions may evolve hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds; Nitrogen oxides; Chlorine compounds; Silicon dioxide; Formaldehyde.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	Use absorbent material to collect and contain for salvage or disposal
Storage:	Store below 100°F
Other Precautions:	None

SECTION 7 — HANDLING AND STORAGE

Storage:	Store below 100°F
Other Precautions:	None

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering Controls**

Local exhaust:	Recommended
General ventilation:	Recommended

Personal Protective Equipment for Routine Handling

Eyes: Use chemical worker's goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be cleaned before reuse. Rubber or plastic gloves are recommended.

Inhalation/Suitable Respirator: No special requirements.

Personal Protective Equipment for spills

Eyes: Use chemical worker's goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be cleaned before reuse. Rubber or plastic gloves are recommended.
Inhalation/Suitable Respirator: No special requirements.
Precautionary Measures: Do not get in eyes. Avoid skin contact. Do not breathe vapor. Do not take internally.
Comments: Product evolves small amounts of methyl alcohol when exposed to water. Provide ventilation during use to control exposure within Section 2 guidelines.

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications may require added precautions

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	White
Odor:	Slight
Specific Gravity @ 25C:	1.00
Viscosity:	17.46 mm ² /s (cST)
Freezing/Melting Point:	32°F / 0°C
Boiling Point:	212°F / 100°C
Vapor Pressure @ 25C:	Not Determined
Vapor Density:	Not Determined
Solubility in Water:	Miscible
pH:	3.8
Volatile content:	<1%

Note: The above information is not intended for use in preparing product specifications.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability:	Stable
Hazardous Polymerization:	Hazardous polymerization will not occur
Conditions to Avoid:	None
Materials to Avoid:	Anionic materials, i.e. surfactants. Materials that would shift pH to 10.5.
Comments:	None

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicology Data for Product

Oral: LC₅₀ greater than 5000 mg/kg (female albino rat)

Skin: LC₅₀ greater than 5050 mg/kg (albino rat)

Skin Sensitization: N sensitizing reaction (albino guinea pig)

Inhalation: LC₅₀ greater than 2.2 mg/L (albino rat)

SECTION 12 — ECOLOGICAL INFORMATION

Environmental Fate and Distribution

No specific information is available

Ecotoxicity

No specific information is available

Persistence and Degradation

No specific information is available

This liquid pesticide is toxic to fish. Do not discharge effluent containing the is product in to lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. De-activation may be required during clean up if a spill occurs. De-activation can be achieved by the addition of an anionic surfactant or detergent (such as soap, sulfones or sulfates) in quantity equivalent to that of the active ingredient.

SECTION 13 — DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

Federal Hazardous Waste Code: N/A

Characteristic Waste: Ignitable: N/A

Corrosive: N/A

Reactive: N/A

TCLP: N/A

Comments: State or local laws may impose additional regulatory requirements regarding disposal

N/A = Not Applicable

SECTION 14 — TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Proper Shipping Name: Not Regulated

Ocean Shipment (IMDG)

Proper Shipping Name: Not Regulated

Air Shipment (IATA)

Proper Shipping Name: Not Regulated

SECTION 15 — REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

Section 312 Hazard Class: Acute: N Chronic: N Fire: N Pressure: N Reactive: N

Y = Yes N = No

Section 313 Toxic Chemicals: None

Supplemental State Compliance Information:

	CAS Number	Wt. %	Component
California			
Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer.			
None Known			
Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer.			
None Known			

SECTION 16 — OTHER INFORMATION

This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.