

# QUICK-SOL™

## DIRECTIONS FOR USE:

Quick-Sol® is designed for all soils and irrigation systems. Agitate well before using. Before mixing Quick-Sol with additional compounds, test its compatibility with your irrigation water. Do not mix Quick-Sol with other products without consulting with your local distributor.

## HANDLING:

### WEAR RUBBER GLOVES & STANDARD EYE PROTECTION

Keep container closed when not in use. Do not return diluted material to the original container. In case of spills, disperse with water, and treat spill like any other surfactant or soap spillage. This container is not intended for re-use. Consult MSDS for further information. Agitate well before using. Rinse application equipment before and after use. Refer to the Quick-Sol cleaning instruction guide for additional cleaning recommendations. If spills occur, disperse with water and clean as a surfactant or soap spillage.

## MIXING INSTRUCTIONS:

- 1. Start with water and agitation:** Fill the tank 50–70% with water, begin agitation, and condition the water first if it is hard or high in bicarbonates.
- 2. Add Quick-Sol properly:** Avoid strong acidifiers at the start, then add Quick-Sol® slowly under strong agitation and keep solution pH above 6.0.
- 3. Follow proper mixing order:** After Quick-Sol, add other alkaline materials first, then neutral fertilizers, followed by micronutrients and salt-heavy materials, working from highest pH to lowest pH.
- 4. Be cautious with reactive materials:** Add calcium, magnesium, phosphates, sulfates, adjuvants, and surfactants later in the sequence; add acids or low-pH materials last and only if compatibility is confirmed.
- 5. Finish and use promptly:** Top off the tank, maintain agitation, allow the solution to rest 15–60 minutes, and apply within 72 hours for best results.

## SAFETY / FIRST AID:

**Eye Contact/Irritant:** Flush eyes with plenty of water. If irritation persists, please call a physician.

**Skin Contact/Irritant:** Prolonged exposure may cause drying of skin. Rinse with plenty of water and treat skin with cream or oil.

**Ingestion:** May cause nausea, stomach pain, cramps and vomiting. Requires immediate medical attention. Vomiting should never be induced unless directed to do so by medical personnel.

BATCH NO.

## PURPOSE STATEMENT:

When used according to the directions for use, Quick-Sol strengthens plant cell walls, promotes upright plant stature, and improves resistance to some abiotic stresses.

## CONTAINS NONPLANT FOOD INGREDIENTS

Guaranteed Analysis - Soil Amending Ingredients

### ACTIVE INGREDIENTS:

21.88% — Soluble Silicon (Si)

### INERT INGREDIENTS:

78.12% — Total Other Ingredients  
(inert as non-plant food ingredients)

## APPLICATION RATE:

**Soil:** 8 to 128 fl. oz. per acre

**Foliar:** 4 to 32 fl. oz. per acre

**Greenhouse and Nursery:** 2 to 4 fl. oz. / 100 gal. of water every 7 to 10 days

**Golf and Sports Turf:** 0.3 to 1 fl. oz. / 1,000 sq. ft. every 7 to 21 days

For specific crop recommendations, please consult your Quick-Sol representative or distributor.

## APPLICATION GUIDELINES:

### COMPATIBLE WITH ALL IRRIGATION METHODS

Set sprayer settings low to minimize drift and improve soil coverage. Apply early morning or late afternoon to avoid high temperatures. Avoid applying directly to glass, painted surfaces, or other sensitive materials.

## STORAGE:

Keep the container closed when not in use. Keep from freezing. Store in a cool, dry place. Do not return diluted material to the original container. Keep out of reach of children.

### NET CONTENTS — NET WEIGHT:

2.5 gal (8.5 L); 27.5 lbs (12.5kg)

5 gal (19 L); 55 lbs (25kg)

55 gal (208 L); 605 lbs (274kg)

250 gal (946 L); 2,750 lbs (1247 kg)

**DENSITY = 11 POUNDS/GALLON AT 68 FAHRENHEIT**

EXPIRATION DATE:

## NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY

The manufacturer, distributor, or its representative makes no warranty, express or implied, concerning the use or performance of this product other than that it conforms to the chemical description on this label within permitted tolerances. No warranties of merchantability or fitness for a particular purpose are made. The user assumes all risks associated with the use, handling, storage, and application of this product.

Neither the manufacturer, distributor, representative, nor seller shall be liable for any direct, incidental, or consequential damages resulting from the handling, storage, or use of this product.

FL License#: FO03118

**MANUFACTURED AND GUARANTEED BY:** Resilient Earth Inc. - 808 FM 473, Comfort, Texas 78013 | [resilientearth.com](http://resilientearth.com)

Information regarding the contents and levels of metals in this product is available on the internet at: <https://www.aapfco.org/metals.html>

**MADE IN AMERICA BY TEXANS**



## 1. PRODUCT IDENTIFICATION

- Manufacturer: Resilient Earth Inc. 808 Hwy 473 Comfort, Texas 78013  
Trade Name: **Quick-Sol** - Ionized Sodium silicate type: D.O.T Class 55 | ITC HS Code 283990

## 2. HAZARDOUS INGREDIENTS

- Material does not exhibit any hazardous properties. Material is a stable silicon polymer, bio-degradable in water). Non-toxic base with no known carcinogenic properties. Non-Flammable, pH is 13.8 to 14.0 and stable to +450 Deg. F. & -115 Deg. F.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Sate: Liquid Ionized Sodium Silicate composition  
Water 50-80% (CAS# 7732-18-5) Near Sodium Silicate 20-50% (CAS# 1344-09-8)

## 4. HEALTH HAZARD DATA / FIRST AID

- Material is described as type "D": non-toxic base. Topical exposure indicates no risk to the skin or clothing. Ingestion: Base material may react with stomach acids causing discomfort. If swallowed, dilute with large quantities of water and immediately call physician for additional medical advice. Eye Contact: Flush eye with running water for 15 minutes. If irritation occurs, obtain medical advice.

## 5. FIRE & EXPLOSION HAZARD DATA

- Material is Non-Flammable - can be used directly as Fire Retardant/Suppressant.  
Unusual Fire & Explosion Hazard: None

## 6. SPILL OR LEAK PROCEDURE

- Routine spill and containment procedures are adequate. Material will disperse with water. Spill and leak occurrence is only a concern due to creating slippery surfaces. Material may be treated as any other surfactant or soap spill.

## 7. SPECIAL PROTECTION INFORMATION

- Material requires no special care in handling. Contact with glass and some painted surfaces may cause etching. Use of rubber gloves and standard eye protection is recommended. No respiratory equipment is necessary, as no fumes or gases are present.

## 8. REGULATORY INFORMATION

- D.O.T. proper labeling and shipping name: Sodium silicate type. This material has not been listed as a cancer suspect agent.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Specific Gravity: 1.32, Solubility in water: Complete, Melting Point: NA, Appearance: Opaque reddish brown tint,  
Odor: Odorless liquid Boiling Point: 212 Deg F. | Vapor Pressure (mm hg): ND., Vapor Density: (air=1): ND.,

## 10. STABILITY & REACTIVITY

- Not reactive or unstable under normal temperatures and pressures. May react with acids and produce heat and/or hydrogen gas. May react with alkali sensitive metals such as: aluminum, copper, lead, tin and zinc.

## 11. TOXICOLOGICAL INFORMATION

- May cause serious eye irritation, skin irritation. May cause respiratory irritation if mist or spray is inhaled. May be harmful if swallowed. Repeated or prolonged contact may result in dermatitis.

## 12. ECOLOGICAL INFORMATION

- This material is believed to be practically non-toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

- Waste from material: reuse or recycle if possible. May be subject to disposal regulations.  
Container Management: Dispose of container in accordance with applicable local, regional, national and/or international regulations.

## 14. TRANSPORT INFORMATION

- Land Transport: not regulated; | Canadian Transport: not regulated; | Maritime Transport: not regulated

## 15. REGULATORY INFORMATION

- OSHA Process Safety (PSM) not regulated

## IMPORTANT NOTICE

- All information contained within this Material Safety Data Sheet is based on data and sources believed to be reliable. However, it is presented without any guarantees or obligations for the accuracy data or results to be obtained on the use thereof and no warranty is expressed or implied. Information herein is for the product stated and may not be valid when the product is combined with any other materials.