



# TECHNO-Z<sup>TM</sup>

**ZINC 15% + SULFUR 70%  
MICROGRANULES**

GUARANTEED ANALYSIS	
Sulfur (S)	70.0%
70.0% Free Sulfur (S)	
Zinc (Zn)	15.0%

Derived from elemental sulfur and zinc oxide

F002402

**AGRICULTURAL, TURF AND ORNAMENTAL USE**

**NET WEIGHT:**  
50 lbs (22.7 kg)

Patent No.: US8951327



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## KEEP OUT OF REACH OF CHILDREN AND AWAY FROM PETS



**WARNING**  
Causes skin and eye irritation.  
Harmful if inhaled.

### PRECAUTIONARY STATEMENTS

**Prevention:** WEAR GOGGLES, GLOVES AND DUST MASK WHEN HANDLING. Avoid breathing dusts or fumes. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection. Do not eat, drink or smoke when using this product.

**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control centre or doctor if you feel unwell.

IF IN EYES: Wash with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

For Emergency Medical Information call the National Poison Control Centre at 1-800-222-1222.

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

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

### PRODUCT DESCRIPTION

**TECHNO-Z** is a soil fertilizer formulated into water-dispersible micro-granular form containing zinc and micronized elemental sulfur that can be used as a source of zinc and sulfur for plants in an overall nutrient program. **TECHNO-Z** has a sulfur and zinc particle size in the range of 2 – 4 microns. These small particles allow for faster oxidation of sulfur and zinc particles than larger particles. **TECHNO-Z**, due to its water-dispersible micro-granule formulation, provides flexibility in application methods such as, ground spray, fertigation with drip or overhead sprinkler irrigation, side dressing / drenching, soil injection.

### PHYSICAL PROPERTIES

Analysis : 70% Sulfur, 15% Zinc

Color	Yellow granules
Particle size of elemental sulfur	2-4 micron
Granule size	0.1 – 0.5 mm

### USE DIRECTIONS (COMMERCIAL USE ONLY)

Use **TECHNO-Z** in an overall nutrient program as a source of zinc and sulfur to meet zinc and sulfur nutrient requirements of crops. Application rates and timings should be based on agronomic recommendations from soil tests and/or crop uptake rates of zinc.

**TECHNO-Z** may be applied by drip or overhead sprinkler irrigation or ground spray, side dressing / drenching or soil injection.

**TECHNO-Z** may also be applied by conventional ground spray equipment with appropriate screen and nozzle size adjustments. This application method should be limited to bare ground treatment. Application may be conducted in spring or fall.

### MIXING INSTRUCTIONS:

Fill the tank with half of total required water volume and start agitation before adding the product. Add recommended amount of **TECHNO-Z** slowly and continue agitation until completely mixed. Fill the tank with remainder of water. Inject the mixed solution into a pressurized drip system. After injection of solution is completed, run the plain water into drip irrigation system to clean the drip system.

For making **TECHNO-Z** solution in water, add a minimum 1 lb of **TECHNO-Z** per 20 lbs of water (2.5 gallons).

**Maintain constant agitation of solution to keep the suspension stable during application**

No **TECHNO-Z** product should remain at the bottom of the tank. Clean the filters before the injection and after the injection is completed.

**TECHNO-Z** can be mixed with other water soluble fertilizers except calcium based fertilizer. Check chemical mixture compatibility using jar test prior to application.

Store **TECHNO-Z** in closed original packaging in a dry, well-ventilated area away from human and animal habitation. **TECHNO-Z** should not be blended or stored with strong oxidizing agents such as ammonium nitrate. Keep away from heat, sparks, open flames, and hot surfaces. Accepted blending and handling procedures should be followed when using **TECHNO-Z**. Good housekeeping is necessary when handling sulfur products. Always use stringent dust control procedures to prevent concentrated flammable dusts from reaching a spark or flame source to remove explosion hazard.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Sulphur Mills Limited. All such risks shall be assumed by the user or buyer.

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