

## PRODUCT DESCRIPTION

**Xsodis<sup>TM</sup>** is a chelated liquid calcium and magnesium gluconate product. It is designed to remediate sodium salt accumulations and quickly correct calcium deficiencies in plants, turf and soil.

The high, readily available concentration of free exchangeable calcium, magnesium and carbohydrate ions in **Xsodis<sup>TM</sup>**, rapidly displaces sodium on cation exchange sites of soil colloids.

**Xsodis<sup>TM</sup>** chelated calcium and magnesium gluconate provides rapid carbohydrate and a prolonged calcium feed to turf, plant tissue and root systems.

For optimum sodium remediation and calcium and magnesium build up for stress relief, **Xsodis<sup>TM</sup>** should be applied monthly to heavily trafficked areas and during peak turf and plant stress and growth cycles.

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### Primary Uses

- Remediates sodium stress in plants and turf
- Prevents soil, plant and turf sodium build-up
- Improves plant and turf stress tolerance
- Promotes readily available calcium to plants and turf
- Improves soil and plant water and nutrient availability

### Application times

- During ambient temperature growing seasons
- Pre and Post plant/turf dormancy
- Pre and Post plant/turf plantings

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## Application Rates & Modes

**Foliar Spray** apply 2.5 to 5 gallons **Xsodis<sup>TM</sup>** per acre monthly. Dilute in 60 to 100 gallons of water.

**Fertigation** apply 2.5 to 5 gallons **Xsodis<sup>TM</sup>** per acre 3 to 4 times per year. Set injection systems to dispense **Xsodis<sup>TM</sup>** over a 3 to 4 day water cycle.

**Drip Irrigation** apply 5 to 15 gallons **Xsodis<sup>TM</sup>** per acre 3 to 4 times per year. Dispense over a 15 to 30 day cycle.

### Cautions

**Do not use Xsodis<sup>TM</sup> with Sulfate or Phosphate products.**  
**Thoroughly** rinse all containers and equipment with cold water pre and post **Xsodis<sup>TM</sup>** application!

# Xsodis™

## GUARANTEED ANALYSIS

3-0-0

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<b>Total Nitrogen (N)</b>	<b>3%</b>
3% Nitrate Nitrogen	
<b>Calcium (Ca)</b>	<b>15%</b>
14.25% Chelated Calcium	
<b>Magnesium (Mg)</b>	<b>2%</b>
1.9% Chelated Magnesium	
<b>Boron (B)</b>	<b>0.3%</b>
0.3% Chelated Boron	

Derived from: Calcium nitrate, magnesium nitrate, calcium gluconate, magnesium gluconate, boron gluconate.

## **Xsodis™ Best use hints**

- Always water-in **Xsodis™** lightly, soon after application.
- For increased efficiency apply **Xsodis™** before application of other fertilizers and/or control agents.
- Apply **Xsodis™** post aerification for the best calcium feed and sodium relief to turf and plants.
- Use **Xsodis™** with soil penetrants, wetting agents and surfactants for increased sodium remediation and nutrient uptake.

## **Physical Characteristics**

Dark amber liquid concentrate. pH 5.5±

Density. 1.30 (20°C)

## **Handling Cautions**

Store in dry place. Avoid direct sun, heat or fire. Decomposition may occur at high temperature (above 225°F/107°C). May be corrosive to some materials over time. Mildly harmful if swallowed or inhaled. Avoid eye contact and prolonged or repeated contact with skin. Wash thoroughly after handling. Keep out of reach of children and pets. Products efficacy may deteriorate after 4 years.