



HydroGro  
6045 North Scottsdale Road  
Suite #209  
Scottsdale, AZ 85250  
U.S.A.

REG.NO: 998/013411/07

## **MSDS – Material Safety Data Sheet**

MN Reg. No.B3630  
Last Revised: July 2010  
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Reg. No. 2005/0030202/07

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### **HydroGro Xsodis<sup>tm</sup>**

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#### **1. IDENTIFICATION OF THE SUBSTANCE**

Product Identification:	Dark Liquid Syrup
Use:	Used as foliar feed.
UN No:	Not regulated
Supplier:	HydroGro, LLC 6045 N. Scottsdale Road Suite #209 Scottsdale, Arizona 85250 - U.S.A.
Emergency number:	480-248-9336

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#### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Composition:	Nitrogen (N)	3%
	Calcium* (Ca)	15%
	Magnesium (Mg)	2%
	Boron (B)	0.3%

### 3. HAZARDS IDENTIFICATION

#### *Emergency Overview*

- May cause mild eye and skin irritation
- Mildly harmful if swallowed

#### *Potential Health Effects*

##### *Inhalation:*

Not Harmful if inhaled.

##### *Ingestion:*

Mildly harmful if swallowed.

##### *Skin Contact:*

Causes mild skin irritation. Not significantly absorbed through the intact skin.

##### *Eye Contact:*

Causes mild irritation to eyes.

##### *Chronic Exposure:*

No information found.

##### *Aggravation of Pre-existing Conditions:*

No Information Found.

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### 4. FIRST AID MEASURES

#### *Inhalation:*

Remove to fresh air. If not breathing give artificial respiration. Keep person at rest and warm. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

#### *Ingestion:*

Have victim rinse mouth thoroughly with water. Give ½ to one glass of water to dilute the material if victim is alert and not convulsing. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits, rinse mouth and administer more water. Never give anything by mouth to an unconscious person. Seek medical advice if necessary.

#### *Skin Contact:*

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

#### *Eye Contact:*

Immediately flush eyes with lukewarm water or saline solution for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if necessary.

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## **5. FIRE FIGHTING MEASURES**

### *Fire:*

Not considered to be a fire hazard. Containers could explode when heated above 225F (107C)

### *Special Information:*

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Fire may produce irritating or poisonous vapors, mists or other product of combustion.

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## **6. ACCIDENTAL RELEASE MEASURES**

Ventilate area of leak or spill. Wear appropriate personal protective equipment.

### *Small Spills:*

Absorb with sand or other non-combustible absorbent material and put in a suitable container for reclamation or disposal.

### *Large Spills:*

Dyke far ahead of liquid spills for later disposal. Prevent entry of the substance into waterways, sewers, basements or confined areas.

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## **7. HANDLING AND STORAGE**

Keep in tightly closed container in a shaded, well-ventilated area, away from heat, in excess of 225F or 107C. Protect against physical damage. Observe all warnings and precautions listed for the product.

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## **8. EXPORSURE CONTROLS/PERSONAL PROTECTION**

### *Ventilation system:*

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

### *Skin Protection:*

Wear suitable personal protective equipment including coveralls, rubber gloves and boots.

### *Eye Protection:*

Use chemical safety goggles and/or full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark Liquid
<b>Odour:</b>	Pungent Odour
<b>Solubility:</b>	Soluble in water
<b>Density:</b>	1.30 (20 C)
<b>pH:</b>	5.5
<b>Boiling Point:</b>	>100 C

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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Conditions to avoid:</b>	No information found.
<b>Incompatibilities:</b>	Gluco-Calcium is compatible with the majority of agricultural remedies. It is however advisable to do a miscibility test prior to mixing with other chemicals. Do not mix concentrate directly with other herbicides or pesticides concentrates – always dilute first. Do not mix Gluco-Calcium with oxidizing materials or with any phosphate containing fertilizer.
<b>Thermal Decomposition:</b>	Carbon dioxide, carbon monoxide, potassium oxide and water may form when heated to decomposition. (+285F) (+120C)

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## 11. TOXICOLOGICAL INFORMATION

No information found

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## 12. ECOLOGICAL INFORMATION

<b>Environmental Fate:</b>	No information found
<b>Environmental Toxicity:</b>	No information found

This section is subject to further development.

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## 13. DISPOSAL CONSIDERATIONS

Contaminated absorbents, surplus product (in diluted form), etc., should be buried in approved landfill. Comply with any local legislation applying to waste disposal. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with local requirements.

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## 14. TRANSPORT INFORMATION

Non – Dangerous

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## 15. REGULATORY INFORMATION

**EC Classification:** No information found.

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## 16. OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear.

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