

Material Safety Data Sheet

Product Name: **Detox**


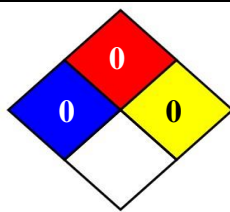



MSDS Date: **06/04/12**

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MSDS Number: **1750**

24-Hour Emergency Response: **CHEMTREC - 800-424-9300**

GENERAL INFORMATION:

Personal Protection Equipment			HMIS		NFPA	D.O.T.
Hands		No				None
Eyes		Yes	HEALTH	0		
			FIRE	0		
Face		No	REACTIVITY	0		
		No	OTHER			
Feet						
0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe						

1 PRODUCT AND COMPANY IDENTIFICATION:

<p>Chemical Name: Nitrogen Fertilizing Compound</p> <p>Chemical Family: Urea, Ammonium Nitrate Solution</p> <p>CAS #: Not on Index</p> <p>Synonyms: Nitrogen Plant Food</p> <p>Chemical Formula: N/A Molecular Weight: N/A</p>	<p>Manufacturer:</p> <p>ASPEN GROW, LLC.</p> <p>3001 W. LOOP 250 N.</p> <p>STE. C-105-166</p> <p>Midland, Texas 79705</p> <p>936-615-2088</p>
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2 MATERIALS AND INGREDIENTS INFORMATION:

		Exposure Limits (mg/m ³)				
Material Name:	C.A.S. Number	TWA	STEL	CEIL	TLV	% Total
LB Urea, 46%	57-13-6				n/a	5%
Solution AN-20	6484-52-2				n/a	2%
EDTA Iron Chelate Solution	16485-47-5				n/a	< 1%
EDTA Manganese Chelate Solution	68015-77-0				n/a	< 1%
EDTA Zinc Chelate Solution	14025-21-9				n/a	< 1%
Ammonium Sulfate	7783-20-2				n/a	1%

3 HAZARDS IDENTIFICATION:

Potential Acute Health Effects:	Minimal Health Hazards; May cause mild diarrhea if ingested May cause mild irritation to skin or eye if not rinsed with water.
Potential Chronic Health Effects:	Unknown

4 FIRST AID MEASURES:

Eye Contact: Flush with clean water

Skin Contact: Wash with clean water

Inhalation: Vapors are harmless. Physical inhalation of liquid has unknown risks; consult with physician

Ingestion: If small quantity is ingested, drink one quart of clean water to dilute.

If large quantity is ingested, drink one quart of water, induce vomiting, consult with physician

Delayed Effects: Unknown: material contains natural aerobic bacteria and enzymes.

Material Safety Data Sheet (continued)

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5 FIRE AND EXPLOSION DATA:

Flammability: Liquid material, will not Burn Flammable Limits: Upper: none
Auto Ignition: Will not ignite Lower: none
Flash Point: none

Special Fire Fighting Procedures: Non-Hazardous; wash away with water

Unusual Fire or Explosion Hazards: None

6 ACCIDENTAL RELEASE MEASURES:

Small Spill: Material is bio-degradable; wash away with water.

Large Spill: Collect with common absorbent, wash remainder away with water.

7 HANDLING AND STORAGE:

Precautions: Material is non-hazardous, stable and bio-degradable.

Storage: Keep from freezing or excessive heat. These may affect product efficacy.

8 EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure Limits: Unknown

Personal Protection: None, however eye protection should always be used when handling any plant food materials.

Large Spills:

Engineering Controls: None

9 PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Liquid, packaged or bulk	Melting Point:	Unknown
Appearance:	Translucent	Boiling Point:	105 C
Color:	Dark Amber to Violet	Flash Point:	None, will not burn
Odor Characteristics:	Slight ammonia, soap	Freezing Point:	0 deg C
pH:	5.5 - 6.6	Percent Volatility:	Unknown
Viscosity:	60 m Pa-s (Brookfield)	Evaporation Rate (Bac=1):	Unknown
Specific Gravity:	1.10 - 1.13	Solubility in water:	Solvable
Vapor Density:	unknown	Molecular Weight:	n/a
Vapor Pressure:	10 m-bar	Dispersion Properties:	Dispersible in most liquids

10 STABILITY AND REACTIVITY:

Stability: Stable
Condition of Instability: none
Substance Incompatibility: unknown
Hazardous Polymerization: Will not occur

Special Remarks on Corrosivity: none

Special Remarks on Reactivity: none

Material Safety Data Sheet (continued)

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11 TOXICOLOGICAL INFORMATION:

Routes of Entry: Skin contact, minimal irritation; ingestion may cause mild diarrhea.

Toxicity to Animals: unknown

Toxicity to Humans: Minimal toxicity if ingested, if inhaled, if skin contact.

12 ECOLOGICAL INFORMATION:

Toxicity to Soils: None

Toxicity to Waters: None

Toxicity to Air: None

Biodegradation: Material is bio-degradable

13 DISPOSAL CONSIDERATIONS:

Collected Waste Disposal: May be broadcast on non-crop soils at no greater than three (3) gallons per acre.
May also be applied to crop soils at no greater than one (1) gallon per acre.
Dispose of empty packaging in accordance with local, state, and federal regulatory guidelines.

14 TRANSPORTATION INFORMATION:

D.O.T. Classification: none
N.M.F.C. Classification: 68140-6
Special Provisions / Transport: none
D.O.T. Pictograms: none

15 OTHER REGULATORY INFORMATION:

Federal and State Regulations:

Other Regulations: Workplace: non-hazardous, bio-degradable liquid

Other Classifications: Harmonized Systemic - Schedule B - Commodity Code:
3102.80.0000 "Urea and Ammonium Nitrate in Aqueous Solution"

16 OTHER INFORMATION:

Proprietary natural polyamorous hydrosol leachate; proprietary organic additives.

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