

Material Safety Data Sheet

Product Name: **DETOX**


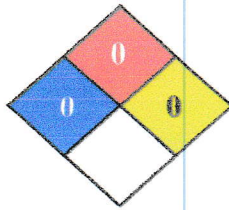



MSDS Date: **06/04/12**

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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 | | |
| | | | REACTIVITY | 0 | | |
| Face |  | No | OTHER | | | |
| Feet |  | No | | | | |
| 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe | | | | | | |

1 PRODUCT AND COMPANY IDENTIFICATION:

Chemical Name: Nitrogen Fertilizing Compound
 Chemical Family: Urea, Ammonium Nitrate Solution
 CAS #: Not on Index
 Synonyms: Nitrogen Plant Food
 Chemical Formula: N/A
 Molecular Weight: N/A

Manufacturer:
ASPEN GROW LLC.
 3001 Loop 250 N.
 Ste. C 105-166
 Midland, Texas 79705
 210-213-0397

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
Appearance: Translucent
Color: Dark Amber to Violet
Odor Characteristics: Slight ammonia, soap
pH: 5.5 - 6.6
Viscosity: 60 m Pa-s (Brookfield)
Specific Gravity: 1.10 - 1.13
Vapor Density: unknown
Vapor Pressure: 10 m-bar

Melting Point: Unknown
Boiling Point: 105 C
Flash Point: None, will not burn
Freezing Point: 0 deg C
Percent Volatility: Unknown
Evaporation Rate (Bac=1): Unknown
Solubility in water: Soluable
Molecular Weight: n/a
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

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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 Systemc - Schedule B - Commodity Code:
3102.80.0000 "Urea and Ammonium Nitrate in Aqueous Solution"

16 OTHER INFORMATION:

Proprietary natural polymeric hydrosol leachate; proprietary organic additives.

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