



# American Plant Food Corporation

903 MAYO SHELL ROAD GALENA PARK TEXAS 77547 P.O.BOX 584

PHONE NUMBER 713-675-2231

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## Material Safety Data Sheet

### Multi-Pel 13-13-13/11S

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Date: 2/11/10

## SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

American Plant Food Corporation

903 Mayo Shell Road

Galena Park TX 77547

(713) 675-2231

EMERGENCY TELEPHONE: (800) 424-9300 CHEMTREC

(800) 634-2861 AMERICAN PLANT FOOD

Trade Name: Multi-Pel 13-13-13/11S

Registration No: None

## SECTION 2 COMPOSITION INFORMATION

Chemical Name and Synonyms C.A.S. No. Chemical Formula WT% TLV PEL

Hazardous

None listed

Non-Hazardous

This is a mixture of the raw materials listed below:

The mixture is a granular product of 100 mg/M<sup>3</sup> - Nuisance Dust Not available

Ammonium Sulfate 7783-20-2 (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>

Ammonium Phosphate 7722-76-1 NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub>

Di-Ammonium Phosphate 7783-28-0 (NH<sub>4</sub>)<sub>2</sub>HPO<sub>4</sub>

Potassium Chloride 7447-40-7 KCl

Urea 57-13-6 H<sub>4</sub>N<sub>2</sub>CO

## SECTION 3 HAZARDS IDENTIFICATION

**Ingestion:** Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

**Inhalation:** Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

**Eye Contact:** Dust from this product may cause particulate discomfort to eyes.

**Skin Absorption:** Not normally absorbed through the skin.

**Skin Contact:** Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

**Effects of Overdose:** Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

## SECTION 4 FIRST AID MEASURES

**Ingestion:** If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention if condition persists.

**Eyes:** Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

**Skin:** Wash with soap and water. Seek medical attention if condition persists.

**Notes to Physician:** Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

## SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use media suitable to extinguish source of fire.

Special Fire Fighting Procedures: Product is not combustible.

Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub> or CN.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.

Steps to be taken in case material is released or spilled:

Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

## SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:

Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.

Respiratory Protection: Approved dust respirator when necessary.

Protective Clothing: Normal clean work clothing.

Eye Protection: In dusty conditions, safety glasses with side shields or goggles may be necessary.

Trade Name: Multi-Pel 13-13-13/11S

Registration No: None

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

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warranty against patent infringement.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not applicable Solubility in Water: Greater than 90%

Density: 64 lbs/ft<sup>3</sup> % Volatiles (by volume): Not applicable

Flashpoint: Non-flammable Vapor Pressure, mm Hg: Not applicable

pH: Not listed Reaction with Water: None

Appearance: Mixture of white, dark gray, and red granules.

Extinguishing Media: Use media suitable to extinguish source of fire.

## SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable

Conditions to Avoid: Extremely high temperatures.

Incompatibility (Material to Avoid): Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.

Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub> or CN.

Hazardous Polymerization: Will not occur

## SECTION 11 TOXICOLOGY INFORMATION

Oral LD<sub>50</sub> (rat) Dermal LD<sub>50</sub> (rat) Aquatic Fish 96-hour Aquatic (other) Monoammonium Phosphate > 2,000 mg/kg > 5,000 mg/kg > 86 mg/L (rainbow trout) none listed Diammonium

Phosphate > 2,000 mg/kg > 5,000 mg/kg > 31-1,506.3 mg/L stimulation at 6.41 mg/L (algae)  
Ammonium Sulfate 640-4,250 mg/kg > 2,000 mg/kg > 13.6-159.8 mg total NH<sub>3</sub>/L > 27.0  
mg/total NH<sub>3</sub>/L (daphnia) Potassium Sulfate 6,600 mg/kg none listed 680-3,550 mg/L 720-890  
mg/L (daphnia) Potassium Chloride 1,500-2,600 mg/kg none listed 2,010 mg/L none listed Urea  
14,300 mg/kg none listed > 9,100 mg/L > 10,000 mg/L (daphnia) All toxicity data from TFI  
Product Testing Results.

## SECTION 12 ECOLOGICAL INFORMATION

None listed.

## SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Pick up with a shovel and broom and use as a fertilizer by applying  
to soil using good agricultural and soil management.

## SECTION 14 TRANSPORT INFORMATION

Shipping name: Not regulated by DOT

Hazard Class: None C.A.S. Number: See "Ingredients"

Reportable Quantity (RQ): None D.O.T. Number: None

Labels Required: None Haz Waste No: None

Placard: None EPA Regist No: None

## SECTION 15 REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes ( ) No (X) by NTP?: Yes ( ) No (X)

Not on the 302 list of SARA reportable quantities.

## SECTION 16 OTHER INFORMATION

Flash Point (Test Method): Non-flammable Flammable Limits LOWER UPPER

Autoignition Temperature: Not applicable (% BY VOLUME) N/A N/A

MSDS Version Number: 4 (revisions to Section 11) Reviewed by: The Department of  
Regulatory Affairs

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