



American Plant Food Corporation

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

PHONE NUMBER 713-675-2231

Material Safety Data Sheet

Multi-Pel 13-13-13/11S

Pages 1-5

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/M3 - Nuisance Dust Not available

Ammonium Sulfate 7783-20-2 (NH₄)₂SO₄

Ammonium Phosphate 7722-76-1 NH₄H₂PO₄

Di-Ammonium Phosphate 7783-28-0 (NH₄)₂HPO₄

Potassium Chloride 7447-40-7 KCl

Urea 57-13-6 H₄N₂CO

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 NH₃, SO_x, PO_x 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.

Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY,

EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED. It is the user's responsibility to satisfy himself as to the suitability and

completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer

warranty against patent infringement.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Density: 64 lbs/ft³ % 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 NH₃, SO_x, PO_x or CN.

Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGY INFORMATION

Oral LD₅₀ (rat) Dermal LD₅₀ (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 NH₃/L > 27.0
mg/total NH₃/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

July 2002 (208)672-2700