

MATERIAL SAFETY DATA SHEET



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ANALYSIS:

10 - 45 - 10

DATE:

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SECTION I. MATERIAL IDENTIFICATION

Product Name: 10 - 45 - 10

Description: Water Soluble Nutrients Plus Trace Minerals

SECTION II. INGREDIENTS AND HAZARDS

	OSHA PEL	PERCENT
Urea	Cas# 57-13-6	About 30%
Sodium Hydroxide	Cas# 1310-73-2	Trace
Patent Blue Dye	Cas# 3844-45-9	Trace
Petro Ag Powder	Cas# 26264-58-4	Trace
Ammonium Phosphate Mono Basic	Cas# 7722-78-1	About 30%

SECTION III. PHYSICAL DATA

Boiling Point:	N/A	Appearance & Color:	Light Blue Crystals
Vapor pressure (mm Hg):	N/A	Evaporation Rate (Butyl Acetate = 1):	N/A
Vapor density (Air = 1):	N/A	Specific Gravity (H₂O = 1):	N/A
Water solubility:	100%	Melting Point:	Above 200%

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point:	N/A	Special fire fighting procedures:	Wear self-contained breathing apparatus & full protective clothing.
Flammability in Air:	N/A	Unusual fire and explosion hazards:	Oxidizing agent-Nitrogen oxides-Amonia-Carbon Monozide-Ammonium cyanate
Extinguishing media:	Water		-and carbon dioxide may be produced during decomposition.
Auto Ignition Temp:	N/A	Hazardous Polymerization:	None
LEL:	N/A	Hazardous Decomposition:	None
UEL:	N/A		
Conditions to Avoid:	Mixing with reducing materials at high temperatures.		

SECTION V. HEALTH HAZARD INFORMATION

Effects of overexposure: Prolonged exposure to dust could irritate lungs.

FIRST AID: **Ingestion:** Consult physician immediately if large amounts have been ingested. **Inhalation:** Generally not considered a hazard. Provide fresh air. **Skin Contact:** Wash thoroughly with mild soap and water. If irritation persists, get medical attention (should only affect if allergic). **Eye Contact:** Flush immediately with water. If irritation persists, consult Physician.

SPECIAL PROCEDURES / PRECAUTIONS

Respiratory Protection: For prolonged exposure to nuisance dust use NIOSH approved respiratory equipment. **Eye Protection:** Keep out of eyes, safety goggles are recommended. **Skin Protection:** Wear rubber gloves. Keep out of sores or wounds. **Spill or Leak Procedures:** Clean up spill with soapy water. No special restrictions on disposal of wash water. Prevent spills from reaching water way or vegetation. Use good industrial hygiene practices. Store in cool, dry area. This material is not considered a hazardous material under RCRA and may be disposed of in landfills or sanitary sewers.