

MATERIAL SAFETY DATA SHEET

PRO 10-45-10

Page 1 of 4

Issue Date: 01/08

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

PRO 10-45-10

Chemical Description: Dry fertilizer mixture, water soluble.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Independent Agribusiness Professionals

6177 N. Thesta St. Suite 103

Fresno, CA 93710

Emergency Phone Number

Emergency Telephone: (800) 858-9300

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Odorless, pale blue powder. No immediate health hazard except nuisance dust. Oxides of nitrogen can be released under intense heat. Stay upwind of smoke. Contain any liquid runoff. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 1

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention if irritation persists.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if skin becomes irritated.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air. Blow nose to remove dust. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	Not pertinent.
Test Method:	Not pertinent.
LEL Flammable Limits:	Not pertinent.
UEL Flammable Limits:	Not pertinent.
Autoignition Temperature:	Not pertinent.
Flammability Classification:	Noncombustible.
Known Hazardous Products of Combustion:	Oxides of nitrogen can be released under intense heat.
Properties that Initiate/Contribute to Intensity of Fire:	None identified.
Potential For Dust Explosion:	None identified.
Reactions that Release Flammable Gases or Vapors:	None identified.
Potential For Release of Flammable Vapors:	None identified.
Unusual Fire & Explosion Hazards:	None identified.
Extinguishing Media:	Use agents appropriate to surrounding fire.
Special Firefighting Procedures:	Stay upwind of smoke. Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

SECTION 6. SPILLS AND LEAKS

Containment: Prevent product spillage from entering drinking water supplies or streams.
Clean Up: Sweep up and use according to labeling or package for disposal.
Evacuation: Not necessary.

SECTION 7. STORAGE AND HANDLING

Storage: Store in a cool, dry place away from children. Do not store near food or feeds. Do not stack pallets more than two (2) high.

Transfer Equipment: Transfer solutions of product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

Work/Hygienic Practices: Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes: Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.

Skin: Impervious gloves and clothes.

Respiratory: Not normally needed but recommend NIOSH-approved respirator (such as 3M #8500) for nontoxic nuisance dust. If use in solutions generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).

Ventilation: Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Pale, blue powder.
Odor:	None.
pH:	4.8 – 5.9.
Vapor Pressure:	Not pertinent.
Vapor Density (Air=1):	Not pertinent.
Boiling Point:	Not pertinent.
Freezing Point:	Not pertinent.
Water Solubility:	Soluble.
Density:	54.4 lbs/cu ft
Evaporation Rate (butyl acetate = 1):	Not pertinent.
Viscosity:	Not pertinent.
% Volatile:	Not pertinent.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not pertinent.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	None known.
Incompatibility:	None known.
Hazardous Decomposition Products:	Thermal degradation may produce irritating/toxic fumes of ammonia or nitrogen oxides.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Mild irritant. May cause redness.
Skin:	Mild irritant, especially from prolonged exposure. May cause redness.
Ingestion:	May cause stomach cramps and/or nausea.
Inhalation:	Inhalation of nuisance dust may cause coughing, sneezing and/or mild irritation of nasal mucous membranes.

Subchronic Effects: None known.

Chronic Effects: Can cause damage to respiratory system, urinary system, and blood system.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Concentrated solutions may be acutely toxic.
Toxicity to Plants:	Concentrated solutions of product will burn foliage.
Toxicity in Birds:	Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

D.O.T. Shipping Description:	Not D.O.T. Regulated.
Other Shipping Information:	Fertilizing Compounds (Manufactured), Dry. NMFC Item 68140 Sub 4, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

PROPOSITION 65 (CA): WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16. OTHER

While the information contained herein is based on data considered accurate and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act, it is provided for guidance only. Independent Agribusiness Professionals does not guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations; in so doing, user assumes all risk in use of the material. The information contained herein is not to be taken as a warranty or representation for which Independent Agribusiness Professionals assumes legal responsibility.