


Safety Data Sheet (SDS)

SECTION 1. IDENTIFICATION

Product Name:	Pro-Mix Organic-Based Multi-Purpose Liquid Fertilizer 12-6-6
Product code:	4946300
P.C.P. Act / CFIA Registration No.:	NA
Recommended Use:	Garden fertilizer
Restriction on Use:	None
Supplier :	Premier Tech Home & Garden Inc. 1900 Minnesota Court, Unit 125, Mississauga, ON, L5N 3C9 Phone: 1-800-268-2806
Emergency Phone Number:	In the event of an emergency involving dangerous goods, call CANUTEC at 1-888-CAN-UTEC (226-8832), 613-996-666 or *666 on your mobile phone. For personal exposure calls, call 1-800-268-2806, option 1.

SECTION 2. HAZARDS IDENTIFICATION

Classification	Eye Irrit. 2A
Pictogram(s):	
Signal Word:	Warning
Hazard Statement(s):	H319 Causes serious eye irritation.
Precautionary Statement(s):	P264 Wash hands thoroughly after handling. P280 Wear protective gloves, eye and face protection.
Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: get medical advice.
Storage	None Known
Disposal	None Known
Other Hazards	None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
Citric Acid	77-92-9	1.0%

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

Inhalation	If inhaled, provide fresh air.
Skin Contact	Non-irritant. If skin irritation occurs, get medical attention or advice.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	None known If swallowed, rinse mouth and drink plenty of water. Do not induce vomiting. Call a Poison Control Center or doctor.
Most Important Symptoms and Effects, Acute and Delayed	None known
Immediate Medical Attention and Special Treatment	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	This product is non-flammable
Suitable Extinguishing Media	Foam, extinguishing powder, carbon dioxide, water fog.
Unsuitable Extinguishing Media	High pressure water jet.
Specific Hazards Arising from the Product	Container may rupture on heating. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Explosive reactions with oxidizing agents such as potassium chlorate and/or peroxides. In case of fire hazardous decomposition products may be produced such as: <ul style="list-style-type: none">- Sulphur oxides- Ammonia- Carbon monoxide- Carbon dioxide (CO₂)
Special Protective Equipment and Precautions for Fire-Fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA). Do not inhale combustion gases.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use standard safe work procedures, including the use of protective clothing, gloves, and eye and respiratory protection. Do not eat, drink, or smoke when handling this product. Wash thoroughly after use. If clothing is contaminated, wash before reuse.

Emergency Procedures: Unprotected persons must be kept away. Evacuate personnel to safe areas.

Environmental Precautions: Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up:

Wear protective clothing, gloves, eye and respiratory protection. Absorb spill and dispose of material in accordance with local, regional and national regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Use standard safe work procedures, including the use of protective gloves and eye and face protection. Wash hands thoroughly after use.

Conditions for Safe Storage

Store in tightly closed container in a dry and well-ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Occupation Exposure Limits: None known

Appropriate Engineering Controls: Ensure adequate ventilation.

Individual Protection Measures

Eye/Face Protection: Safety glasses. Do not wear contact lenses.

Skin Protection: Protective gloves

Respiratory Protection: Not applicable

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odour	Odourless
Odour Threshold	Not Applicable
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	Not Applicable
Flammability (solid, gas)	Non-flammable
Upper/Lower Explosive Limit	No data available
Vapour Pressure	Not applicable
Vapour Density (air=1)	No data available
Relative Density (water=1)	No data available
Solubility	Partially soluble
Partition Coefficient, n-Octanol/Water (Log Kow)	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	Not Applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	This product is stable and non-reactive under normal conditions of storage, use and transport.
Chemical Stability	This product is stable and non-reactive under normal conditions of storage, use and transport.
Possibility of Hazardous Reactions Conditions to Avoid	Will Not Occur Keep at temperatures below 5374 °F (190 °C)
Incompatible Materials	Strong oxidizing agents, Chlorates and Hypochlorites

Hazardous Decomposition Products

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Nitrogen oxides. Hydrogen fluoride. Hydrogen chloride. Carbon monoxide. Carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure:**

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity:

LC50 (Inhalation) (4h/rats) There is no data available

LD50 (oral) 300 000 mg/kg (rat), 504 000 mg/kg (mouse)

LD50 (dermal) There is no data available

Skin Corrosion/Irritation: None known

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory and/or Skin Sensitization: None known

STOT (Specific Target Organ Toxicity)

Single Exposure: There is no data available

Repeated Exposure: There is no data available

Carcinogenicity: There is no data available

Reproductive Toxicity

Development of Offspring: There is no data available

Sexual Function and Fertility: There is no data available

Effects on or Via Lactation: There is no data available

Germ Cell Mutagenicity: There is no data available

Additional Information: No additional information

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid release to water sources.

Persistence and Degradability: Not available.

Bioaccumulation Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Not regulated under US DOT Regulations.

Environmental Hazards: None

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Special precautions for Transport: None

SECTION 15. REGULATORY INFORMATION

This product has been classified and the SDS has been developed according to the Hazardous Products Regulation.

Other Regulations: CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): The components of this product are on the Domestic Substances List, and are acceptable for use under the provisions of CEPA.

SECTION 16. OTHER INFORMATION

Original Issued Date: April 21, 2017

Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HOME & GARDEN will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.premiertechhomeandgarden.com.

Glossary of abbreviations
CAS: Chemical Abstracts Service (Registration number)
NIOSH: National institute for Occupational Safety and Health
VEMP: Adjusted Average Exposure Rate
VECP: Short -term exposure limit
ACGIH: American Conference of Governmental Industrial Hygienists
TLV: Threshold Limit Value
TDG: Transportation of Dangerous Goods
RSST: Provincial Workplace Health and Safety Regulations
REL: Recommended Exposure Limit
TWA: Time-Weighted Average
OSHA: Occupational Safety and Health Administration
DOT: Department of Transportation
GHS: Globally Harmonized System
PEL: Permissible Exposure Limit