

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

Trade Name: PHT CAL-XPRESS 3-0-0
Registration No: None

M77634

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator:	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707	Product Name:	PHT CAL-XPRESS 3-0-0
		Common Name:	PHT CAL-XPRESS 3-0-0
		Chemical Type:	Inorganic Calcium Salt
Emergency Phone - Chemtrec:	1-800-424-9300		

SECTION 2 COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
NONE					

Non Hazardous

The proprietary ingredients in PHT CAL-XPRESS 3-0-0 are non-hazardous.

PA Right to Know: This product contains proprietary ingredients. This product contains the following chemicals subject to the reporting requirements of Section 13 Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

None

SECTION 3 HAZARDS IDENTIFICATION

Ingestion:	Large doses may cause nausea, vomiting, and stomach pain or cramps
Inhalation:	May cause slight irritation if mist occurs.
Eye Contact:	May cause eye irritation
Skin Absorption:	Not normally absorbed through the skin.
Skin Contact:	May cause skin irritation
Effects of Overdose:	Eye contact may produce irritation and/redness.

SECTION 4 FIRST AID MEASURES

Ingestion:	If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Seek medical attention immediately.
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 while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. 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. Product is non-flammable. If involved in fire, use water. In the event of a fire, wear full protective clothing and
Special Fire Fighting Procedures:	NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards:	None currently known.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Product may promote eutrophication in water ways. Avoid runoff to ground water, surface waters, and sewers. Keep out of water supplies, lakes, ponds, streams and rivers.
Steps to be taken in case material is released or spilled:	Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:	Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact with skin. Do not swallow. For industrial use only. Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.
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SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: General ventilation is usually adequate. If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

Respiratory Protection: Approved dust respirator when necessary.

Protective Clothing: Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.

Eye Protection: Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

Other Protective Equipment: Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	≥ 212°F (100°C)	Solubility in Water:	Soluble
Density:	Not available	Specific Gravity (H₂O=1 @ 4°C):	1.11 – 1.12 g/mL @ 68°F (20°C)
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not Determined
pH:	4-5	Reaction with Water:	None
Appearance:	Light brown to brown clear liquid, mild odor		
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): Avoid contact with Strong Oxidizing Agents

Hazardous Decomposition Products: Oxides of phosphorus

Hazardous Polymerization: Will not occur

SECTION 11

TOXICOLOGY

No data available.

SECTION 12

ECOLOGICAL INFORMATION

No data available.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: If uncontaminated, recover and reuse as product. Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	None
Reportable Quantity (RQ):	None	Haz Waste No.:	None
Labels Required:	None	EPA Regist No.:	None
Placard:	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:	1			

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