

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT N-Boron
Registration No: None

M77089

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: J.R. Simplot Company
P.O. Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT N-Boron
Common Name:
Chemical Type: Organic Complexed Micronutrients

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None listed					
			Non-Hazardous		
None listed					

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: May cause aggravation to respiratory mucous membranes.

Eye Contact: May cause eye discomfort.

Skin Absorption: May cause skin discomfort.

Skin Contact: May cause skin discomfort.

Effects of Overdose: May cause eye or skin discomfort.

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: In case of contact, flush eyes with water for at least 15 minutes. Consult a physician if aggravation persists.

Skin: In case of contact, flush skin with water for at least 15 minutes. Consult a physician if aggravation persists.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Use media proper to the primary cause of fire.

Special Fire Fighting Procedures: Normal fire fighting procedures.

Unusual Fire and Explosion Hazards: None

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Flush spill area with water or cover with absorbent material.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Avoid contact with eyes and skin.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: General ventilation is satisfactory.

Respiratory Protection: None required.

Protective Clothing: Rubber gloves.

Eye Protection: Safety glasses

Other: None listed

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	97-98°C	Solubility in Water:	Miscible
Specific Gravity:	1.12-1.17 (H ₂ O=1)	% Volatiles (by volume):	Not listed
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	6.2-7.2	Reaction with Water:	Not listed
Appearance:	Aqua blue liquid.		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

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SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: None listed
Incompatibility (Material to Avoid): No specific hazardous incompatibilities.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur
Conditions to Avoid: None

SECTION 11 TOXICOLOGY INFORMATION

None listed.

SECTION 12 ECOLOGICAL INFORMATION

None listed.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Dispose of waste according to local, state and federal regulations for non-hazardous waste disposal.

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 SARA 302 list of reportable quantities.

SECTION 16 OTHER INFORMATION

Flash Point (Test Method):	Not applicable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

MSDS Version Number: 4 (revisions to Section 1)

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