

**Material Safety Data Sheet**  
**J. R. Simplot Company**  
**AgriBusiness**

Trade Name: PHT Improve  
Registration No: None

**M77677**

**SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

<b>Manufacturer or Formulator:</b>	Britz-Simplot Grower Solutions, LLC PO Box 60011 Fresno, CA 93794	<b>Product Name:</b>	PHT Intensify
		<b>Common Name:</b>	PHT Intensify
		<b>Chemical Type:</b>	Adjuvant
<b>Emergency Phone - Chemtrec:</b>	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**

This product is a blend of the following non-hazardous ingredients

Ammonium Nitrate, Ammonium Sulfate	37.5%
Alkyl glucoside, oligosaccharides	30%
Inert Ingredients	32.4%

**SECTION 3 HAZARDS IDENTIFICATION**

**Ingestion:** None known, but may cause dizziness, abdominal cramps, vomiting and diarrhea if large quantities are swallowed.  
**Inhalation:** None expected, but aerosol mist may cause mild irritation of nasal mucous membranes.  
**Eye Contact:** Mild irritant. May cause redness and or burning.  
**Skin Contact:** Mild irritant, especially from prolonged exposure. May cause redness.  
**Delayed Effects:** None known.

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** If swallowed, dilute by giving two glasses of water to drink. Induce vomiting. Never give anything by mouth to an unconscious person. Obtain 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 skin thoroughly with soap and water. Seek medical attention if condition persists.  
**Notes to Physician:** Treatment based on the sound judgment of the physician and the individual reactions of the patient.

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing Media:** Water fog, dry chemical, alcohol foam, and carbon dioxide extinguishing media.  
**Special Fire Fighting Procedures:** Wear positive pressure self-contained breathing apparatus and full protective clothing. Avoid getting water from firefighting into domestic or irrigation water supplies.  
**Unusual Fire and Explosion Hazards:** Decomposition may generate ammonia gas, toxic nitrogen dioxide vapors.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** Keep out of water supplies, lakes, ponds, streams and rivers.  
**Steps to be taken in case material is released or spilled:** Dike and contain. If uncontaminated, reuse product. If contaminated, absorb spill with clay, sand, or sawdust. Place in a chemical waste container for proper disposal. Spill area will be quite slippery.

**SECTION 7 HANDLING AND STORAGE**

**Precautions to be taken in handling and storing:** Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Use with adequate ventilation.  
**Respiratory Protection:** Not normally needed. If use generates an aerosol mist or respiratory irritation, use a NIOSH- approved dust/mist respirator.  
**Protective Clothing:** Impervious gloves, apron and footwear. Coveralls or apron (P/E, PVC, or Vinyl). Rubber or PVC boots  
**Eye Protection:** Splash proof goggles. As a general rule, do not wear contact lenses when handling.  
**Other Equipment:** Eye wash station.

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**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point:	223° F	Solubility in Water:	Complete
Vapor Density:	>1.0	Specific Gravity (Water = 1):	1.22 @ 68° F
Flashpoint:	NA	% Volatiles (by volume):	NA
pH:	6.0	Vapor Pressure:	NA
Appearance:	Brown color liquid with slight ammonia odor	Reaction with Water:	None
Extinguishing Media:	Water fog, dry chemical and carbon dioxide extinguishing media		

**SECTION 10**

**STABILITY AND REACTIVITY**

Stability (Normal Conditions): Stable  
Conditions to Avoid: Avoid contact with strong acids, bases or oxidizers.  
Incompatibility (Material to Avoid): None currently known.  
Hazardous Decomposition Products: Burning may generate ammonia gas, toxic dioxide vapors, and unidentified organic compounds in smoke.  
Hazardous Polymerization: Will not occur.

**SECTION 11**

**TOXICOLOGY**

Acute Data: Not established  
Reproductive / Teratology Data: Not established

**SECTION 12**

**ECOLOGICAL INFORMATION**

No information.

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

Waste Disposal Procedures: When a decision is made to discard this material, as received, is it classified as a hazardous waste. State or local laws may impose additional regulatory requirements regarding disposal.

**SECTION 14**

**TRANSPORT INFORMATION**

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	Sub. Hazard Class:	Non
Reportable Quantity (RQ):	None	D.O.T. Number:	None
Marine Pollutant:	No	Labels Required:	None
ERG Number:	None	Placard:	None
Haz Waste No:	None		
EPA Regist No:	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):	Above 200° F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
N.F.P.A. Rating:	Health: 1	Fire: 0	Reactivity: 0	Other/Special: none

This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association.

MSDS Version Number: 1

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