

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

Trade Name: PHT Intensify  
Registration No: None

M77676

**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>	Phosphate ester of a nonlyphenol
<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					
<b>Non Hazardous</b>					
This product is a blend of the following non-hazardous ingredients					
Alkyl aryl polyethylene glycol, Phosphoric acid, Butanol mixture			86%		
Inert Ingredients			14%		

**SECTION 3 HAZARDS IDENTIFICATION**

**Ingestion:** Substance will cause burning and severe swelling of the mouth, throat, and abdomen.

**Inhalation:** Vapors can irritate the nose and throat and cause drowsiness, slurred speech, headache, nausea, dizziness, stupor and unconsciousness.

**Eye Contact:** Corrosive to eyes; causes permanent, irreversible eye injury.

**Skin Contact:** Corrosive to skin; causes burns. Liquid can be absorbed through intact skin in harmful amounts.

**Delayed Effects:** Repeated overexposure to n-butanol may cause liver and kidney degeneration.

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** **Do not induce vomiting. Get 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:** CORROSIVE MATERIAL. Possible mucosal damage may contraindicate the use of gastric lavage. Acute effects can include mucosal damage, severe laryngeal edema, and shock associated with corrosive agents. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing Media:** On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray.

**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:** Remain up wind to avoid smoke and fumes. Vapors can travel to an ignition source.

**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. Use with adequate ventilation. Avoid eye contact. Do not breath mist. Keep container closed. Use reasonable care and store away from oxidizing materials.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Local and general ventilation is recommended.

**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines.

**Protective Clothing:** Impervious gloves, apron and footwear.

**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:	243° F	Solubility in Water:	Soluble
Vapor Density:	<1.0	Specific Gravity (Water = 1):	1.074 @ 68° F
Flashpoint:	120° F	% Volatiles (by volume):	NA
pH:	2	Vapor Pressure:	0.25 psi
Appearance:	Amber color liquid with Butanol 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: None currently known.  
Incompatibility (Material to Avoid): Strong acids, gases, and oxidizers.  
Hazardous Decomposition Products: CO<sub>2</sub> and CO.  
Hazardous Polymerization: Will not occur.

**SECTION 11**

**TOXICOLOGY**

Acute Data: Oral L/D 50 > 5000mg/kg  
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):	120° F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
N.F.P.A. Rating:	Health: 2	Fire: 2	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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