

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

Trade Name: PHT LATRON B-1956  
Registration No: WA Reg. No. 7001-12001  
CA Reg. No. 7001-50524

**M77642**

**SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

<b>Manufacturer or Formulator:</b>	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707	<b>Product Name:</b>	PHT LATRON B-1956
		<b>Common Name:</b>	PHT LATRON B-1956
		<b>Chemical Type:</b>	Modified phthalic glycerol alkyd resin
<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			100%		
Modified phthalic glycerol alkyd resin			77%		
Butyl alcohol	71-36-3		23%	61 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>

**SECTION 3 HAZARDS IDENTIFICATION**

**Ingestion:** Harmful if swallowed  
**Inhalation:** Inhalation of high vapor or mist concentrations can cause nausea - headache - drowsiness - dizziness - slurred speech - stupor - unconsciousness.  
**Eye Contact:** Direct contact with material can cause moderate irritation.  
**Skin Contact:** Material can cause moderate skin irritation, defatting and dryings of the skin, and dermatitis. The solvents in this material can be absorbed through intact skin.

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** **Do not induce vomiting.** If conscious, have person drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention or contact poison control center immediately.  
**Inhalation:** If a person breathes large amounts of this product, move the exposed person to fresh air at once. Seek medical attention if condition persists.  
**Eyes:** In case of contact, immediately flush eyes with plenty of water for a minimum of 15 minutes. Warm water is recommended, but cold water may be used. Seek medical attention if condition persists.  
**Skin:** In case of skin contact, immediately rinse skin with plenty of water. Cover the irritated area with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation persists.  
**Notes to Physician:** Consult standard literature. Severe overexposure to butyl alcohol can result in possible respiratory failure. Acute exposures require evaluation of CNS, respiratory system, and cardiovascular system. n -Butyl alcohol is especially toxic if aspirated. The vapors appear to cause a special vacuolar keratopathy in humans. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and clinical condition of the patient..

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing Media:** Considered combustible. On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool.  
**Unusual Fire and Explosion Hazards:** Vapors can travel to a source of ignition and flash back.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in case material is released or spilled:** Dike and contain. Eliminate all sources of ignition. 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:** Store in a warm place away from children, feed and food products, seed and excessive heat. Ground all containers when transferring material.  
**Handling procedures:** CONTAINERS ARE HAZARDOUS WHEN EMPTY and may retain product residue (vapors and/or liquid). Follow all MSDS and label warnings even after container is emptied. Do not re-use containers.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Use explosion proof local exhaust ventilation with a minimum capture velocity of 100 ft/min. Keep away from heat sparks and flame.  
**Respiratory Protection:** Not normally required. Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. If vapors exceed acceptable levels, wear a MSHA/NIOSH approved pesticide respirator.  
**Protective Clothing:** Use impervious rubber gloves. Washing at mealtime and end of shift.  
**Eye Protection:** Use chemical worker's goggles.

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**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	117 C/243 F Butyl alcohol	<b>Solubility in Water:</b>	Dispersible
<b>Specific Gravity:</b>	0.9732 (H <sub>2</sub> O = 1)	<b>% Volatiles (by volume):</b>	22 to 24 % Butanol
<b>Flashpoint:</b>	105 F (40.5 C)	<b>Vapor Pressure, mm Hg:</b>	4.9 mm Hg @ 68 F
<b>pH:</b>	7.0	<b>Reaction with Water:</b>	None
<b>Appearance:</b>	Brown liquid with a wine like odor	<b>Extinguishing Media:</b>	Use media suitable to extinguish source of fire.

**SECTION 10**

**STABILITY AND REACTIVITY**

<b>Stability (Normal Conditions):</b>	Stable
<b>Conditions to Avoid:</b>	Extremely high temperatures.
<b>Incompatibility (Material to Avoid):</b>	Oxidizing agents, copper, aluminum, nickel, and magnesium
<b>Hazardous Decomposition Products:</b>	CO <sub>2</sub> and CO
<b>Hazardous Polymerization:</b>	Will not occur

**SECTION 11**

**TOXICOLOGY**

<b>Exposure Route: Inhalation, Skin and/or Eye Contact.</b>	Exposure Route: Inhalation, skin and/or eye contact.
<b>Acute Effects:</b>	Oral LD50 - rat: >5000 mg/kg      Dermal LD50 - rabbit: >5000 mg/kg

**SECTION 12**

**ECOLOGICAL INFORMATION**

None Listed.

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

<b>Waste Disposal Procedures:</b>	This material must be disposed of according to federal, state, and local procedures under the resource conservation and recovery act.
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**SECTION 14**

**TRANSPORT INFORMATION**

<b>DOT Shipping Description:</b>	<119 gallons (Non-bulk): Not regulated by DOT		
<b>DOT Shipping Description:</b>	>119 gallons (Bulk): Regulated by DOT		
<b>Shipping Name:</b>	RQ, UN1993, Flammable Liquid, N.O.S. (Butyl Alcohol), 3, PG III, ERG Guide 128		
<b>Hazard Class:</b>	3	<b>C.A.S. Number:</b>	71-36-3 (Butyl Alcohol)
<b>Reportable Quantity (RQ):</b>	5000 pounds (Butyl Alcohol)	<b>Packing Group:</b>	III
<b>Labels Required:</b>	Flammable	<b>D.O.T. Number:</b>	UN1993
<b>Placard:</b>	Flammable	<b>ERG Guide</b>	128

**SECTION 15**

**REGULATORY INFORMATION**

<b>Carcinogenicity:</b>	by IARC?	Yes ( )	No ( X )	by NTP?	Yes ( )	No ( X )
<b>SARA, Title III, Section 313:</b>	Butyl Alcohol	CAS 71-36-3	23.0%			
<b>SARA, Title III Hazard Category:</b>	Immediate: YES	Fire: NO	Sudden Release of Pressure: NO			
	Delayed: YES	Reactive: NO				

RCRA Waste Code: D001

**SECTION 16**

**OTHER INFORMATION**

<b>Flash Point (Test Method):</b>	105°F/40.5 Seta flash close cup	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	1.4% n-Butanol	11.2% n-Butanol
<b>N.F.P.A. Rating:</b>	<b>Health:</b> 1	<b>Fire:</b> 2	<b>Reactivity:</b> 0	<b>Other/Special:</b> 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: 3 (Revisions to Registration number)

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