

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT BA Humus – DC  
Registration No: None

M77439

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

**Manufacturer or Formulator:** Plant Health Technologies  
PO Box 27  
Boise, ID 83707  
**Emergency Phone - Chemtrec:** 1-800-424-9300

**Product Name:** PHT BA Humus – DC  
**Common Name:** BA Humus - DC  
**Chemical Type:** Inorganic Chemical Fertilizer

#### SECTION 2

#### HAZARDS IDENTIFICATION

**Ingestion:** Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.  
**Inhalation:** Dusty conditions may cause mechanical aggravation to respiratory tract and lung congestion.  
**Eye Contact:** Dust from this product may cause particulate discomfort to eyes.  
**Skin Absorption:** Not normally absorbed through skin.  
**Skin Contact:** May cause slight dermal affects to persons with sensitive skin. Possible skin reddening if not washed off of affected area.  
**Effects of Overdose:** None listed

#### SECTION 3

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
			Non-Hazardous		
See * below.			100%		
This is a blend of the following non-hazardous ingredients:					
*Phenolic Hydrocarbons:					
Fulvic and Humic Acids	1415-93-6 (Humic Acid)	N/A		Not listed	Not available
Iron	7439-89-6	Fe		1 mg/m <sup>3</sup> (Fe salts, soluble, as Fe)	Not available

#### SECTION 4

#### FIRST AID MEASURES

**Ingestion:** If large amount is ingested, or if gastrointestinal discomfort occurs, seek medical attention.  
**Inhalation:** Remove victim to fresh air. If victim is unconscious or not breathing, administer artificial respiration. Seek medical attention.  
**Eyes:** Flush eyes with clean running water for at least 15 minutes. If conditions persist seek medical attention.  
**Skin:** Wash with soap and water, rinse for at least 15 minutes. If conditions persist seek medical attention.

#### SECTION 5

#### FIRE FIGHTING MEASURES

**Extinguishing Media:** Water fog, foam, dry chemical or CO<sub>2</sub>  
**Special Fire Fighting Procedures:** Product is not combustible.  
**Unusual Fire and Explosion Hazards:** In extremely high temperature fire conditions, the product may reach melting point and decompose to release CO, an oxidation product.

#### 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:** Small spills should be picked up with a broom and dustpan. Large spills should be vacuumed or shoveled into suitable containers for disposal or reclamation and use as a fertilizer.

#### SECTION 7

#### HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Persons handling this product should use proper personal protective equipment and handle with care. Containers should be stored in a cool, dry area to minimize product expansion and possible leakage. Keep out of reach of children.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation Protection:** Adequate ventilation  
**Respiratory Protection:** Use a NIOSH/MSHA approved respirator if dusty conditions exist.  
**Protective Clothing:** Normal clean work clothing.  
**Eye Protection:** Safety glasses with side shields or safety goggles.  
**Other:** Safety shower and eyewash stations should be available. Always wash hands after handling this product.

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not applicable	<b>Solubility in Water:</b>	Insoluble
<b>Density:</b>	3.99 lbs/ft <sup>3</sup>	<b>% Volatiles (by volume):</b>	Not listed.
<b>Flashpoint:</b>	Non-flammable	<b>Vapor Pressure, mm Hg:</b>	Not applicable
<b>pH:</b>	Not listed.	<b>Reaction with Water:</b>	Not listed.
<b>Appearance:</b>	Dark brown granules – no odor.	<b>Melting Point:</b>	300°C (572°F)
<b>Extinguishing Media:</b>	Water fog, foam, dry chemical, or CO <sub>2</sub>		

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## SECTION 10

## STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Extremely high temperatures.  
**Incompatibility (Material to Avoid):** None listed.  
**Hazardous Decomposition Products:** In extremely high temperature fire conditions, the product may reach melting point and decompose to release CO, an oxidation product.  
**Hazardous Polymerization:** Will not occur.

## SECTION 11

## TOXICOLOGY INFORMATION

None listed.

## SECTION 12

## ECOLOGICAL INFORMATION

None listed.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Pick up with a shovel or broom and dustpan and use as a fertilizer by applying to soil using good agricultural practices and soil management. Comply with all Federal, State and Local regulations regarding product disposal.

## SECTION 14

## TRANSPORT INFORMATION

<b>Shipping name:</b>	Not regulated by DOT	<b>C.A.S. Number:</b>	See "Ingredients"
<b>Hazard Class:</b>	None	<b>Sub. Hazard Class:</b>	None
<b>Reportable Quantity (RQ):</b>	None	<b>D.O.T. Number:</b>	None
<b>Marine Pollutant:</b>	No	<b>Labels Required:</b>	None
<b>ERG Number:</b>	None	<b>Placard:</b>	None
<b>Haz Waste No:</b>	None		
<b>EPA Regist No:</b>	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

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

MSDS Version Number: 1

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Reviewed by: The Environmental Health & Safety Department  
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