

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT Ad-Sorb RST  
Registration No: None

M77435

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: Plant Health Technologies  
PO Box 27  
Boise, ID 83702  
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT Ad-Sorb RST  
Common Name: Ad-Sorb RST  
Chemical Type: Agricultural Soil Surfactant

#### SECTION 2

#### HAZARDS IDENTIFICATION

Ingestion: May cause slight throat irritation.  
Inhalation: May cause respiratory discomfort and irritation.  
Eye Contact: May cause slight irritation or eye damage.  
Skin Absorption: Not normally absorbed through the skin.  
Skin Contact: May cause mild to moderate irritation to the skin.

#### SECTION 3

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None listed					
Proprietary blend on non-hazardous Ingredients	Mixture	N/A	Non-Hazardous 100%	Not listed	Not available

#### SECTION 4

#### FIRST AID MEASURES

Ingestion: If victim is conscious and alert, give 1 to 2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not induce vomiting unless directed to do so by a physician.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Eyes: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if discomfort or irritation persists.

Skin: In case of contact, immediately wash affected area with plenty of soap and water for at least 15 minutes. Remove all contaminated clothing and clean thoroughly before re-use. If discomfort and irritation persists, seek medical attention.

Notes to Physician: All treatments should be based on sound judgment of the physician and on the observed signs and symptoms of distress in the patient.

#### SECTION 5

#### FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, water fog, foam, CO<sub>2</sub>, sand or earth.

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: N/A

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Sweep, vacuum or absorb material with an inert absorbent for collection in an approved recovery drum for disposal. Wash area with water and collect wash water for disposal. Always follow Federal, State and Local regulations regarding waste disposal.

#### SECTION 7

#### HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store within a minimum and maximum temperature range of 40°F and 120°F, respectively. Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes. Store in tightly closing containers affixed with original labels. Store containers in a dry, well ventilated area away from ignition sources and incompatible materials.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation to maintain exposure levels below ACGIH TLV and OSHA PEL limits.

Respiratory Protection: Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected to be exceeded.

Protective Clothing: Normal, clean work clothing. To prevent contact with skin, long sleeves and pants are recommended.

Eye Protection: The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eyewash and safety shower should be accessible in the work area.

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Density:	67.4 lbs/ft <sup>3</sup> (at 20°C)	% Volatiles (by volume):	Not listed.
Flashpoint:	> 200°F (PMCC)	Vapor Pressure, mm Hg:	Not applicable
pH:	5-7	Reaction with Water:	Not listed.
Appearance:	Pale yellow, hazy liquid with a sweet odor.		
Extinguishing Media:	Dry chemical, water spray, water fog, foam, CO <sub>2</sub> , sand or earth.		

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## SECTION 10

## STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Extreme heat, open flames, or sparks.  
**Incompatibility (Material to Avoid):** Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.  
**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide from burning.  
**Possibility of Hazardous Reactions:** Will not occur.

## SECTION 11

## TOXICOLOGY INFORMATION

None listed.

## SECTION 12

## ECOLOGICAL INFORMATION

None listed.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Since empty packaging contains residue of the product, all labeled hazard precautions should be observed. Always follow Federal, State and Local regulations regarding waste 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>	> 200°F (PMCC)	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	N/A	N/A
<b>Hazard Rating (H.M.I.S.):</b>	<b>Fire:</b> 1	<b>Health:</b> 2	<b>Reactivity:</b> 0	<b>Specific:</b> None

MSDS Version Number: 1

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Reviewed by: The Environmental Health & Safety Department  
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