

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT Advanced Defoam-It  
Registration No: None

M77471

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company  
P.O. Box 70013  
Boise, ID 83702  
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT Advanced Defoam-It  
Common Name: PHT Advanced Defoam-It  
Chemical Type: Inorganic Chemical Fertilizer

#### SECTION 2

#### HAZARDS IDENTIFICATION

**Ingestion:** Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

**Inhalation:** No hazards with normal handling of product.

**Eye Contact:** Liquid mist and sprays may cause eye irritation

**Skin Absorption:** Not normally absorbed through the skin.

**Skin Contact:** No hazards with normal handling of product.

**Effects of Overdose:** Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

#### SECTION 3

#### 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:			100%		
White Mineral Oil				5 mg/m <sup>3</sup> (oil mist)	5 mg/m <sup>3</sup> (oil mist)
Hydrophobic Silica					
Emulsifiers					
Water					

#### SECTION 4

#### FIRST AID MEASURES

**Ingestion:** If large amount is ingested do not give anything to drink. Seek medical attention.

**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 with soap and water. Remove contaminated clothing. Seek medical attention if condition persists.

**Notes to Physician:** Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

#### SECTION 5

#### FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry chemical, carbon dioxide, or water fog

**Special Fire Fighting Procedures:** Product is slightly combustible.

**Unusual Fire and Explosion Hazards:** During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub> or CN.

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:** Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.

**Steps to be taken in case material is released or spilled:**  
For small spills absorb or cover with dry earth, sand, or other inert absorbent and place in containers for disposal. Keep from entering waterways.

#### SECTION 7

#### HANDLING AND STORAGE

**Precautions to be taken in handling and storing:**  
Store in a cool, dry area. Prevent spillage and separate from strong oxidizers or at temperatures >120° F or in direct sunlight for extended periods. Do not pressurize or store near ignition sources. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation Protection:** Adequate ventilation.

**Respiratory Protection:** Approved respirator when necessary.

**Protective Clothing:** Non-absorbent clothing and chemical resistant gloves.

**Eye Protection:** Safety glasses with eye shields.

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not applicable	<b>Solubility in Water:</b>	Emulsifies
<b>Density:</b>	Not available	<b>% Volatiles (by volume):</b>	Not applicable
<b>Flashpoint:</b>	351° F (177° C)	<b>Vapor Pressure, mm Hg:</b>	Not applicable
<b>pH:</b>	Not listed	<b>Reaction with Water:</b>	None
<b>Appearance:</b>	Opaque white		
<b>Extinguishing Media:</b>	Use media suitable to extinguish source of fire.		

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## SECTION 10

## STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Keep away from heat, sparks, open flame, and strong oxidizing conditions.  
**Incompatibility (Material to Avoid):** Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.  
**Hazardous Decomposition Products:** During extremely high temperature fire conditions, the product may reach melting point and decompose to CO<sub>2</sub>, CO, smoke, fumes, unburned hydrocarbons, and trace oxides of sulfur or nitrogen  
**Possibility of Hazardous Reactions:** Will not occur

## SECTION 11

## TOXICOLOGY INFORMATION

Not listed

## SECTION 12

## ECOLOGICAL INFORMATION

Not listed

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Absorb and if uncontaminated, use as a fertilizer by applying to soil using good agricultural practices and soil management and according to label instructions.

## 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 302 list of SARA reportable quantities.

## SECTION 16

## OTHER INFORMATION

<b>Flash Point (Test Method):</b>	Non-flammable	<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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