

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

M19188

Trade Name: PHT O/S Blend  
Registration No: CA Reg. No. 7001-50532

**SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

<b>Manufacturer or Formulator:</b> J.R. Simplot Company PO Box 70013 Boise, ID 83707	<b>Product Name:</b> PHT O/S Blend <b>Common Name:</b> Oil Surfactant <b>Chemical Type:</b> Paraffinic Hydrocarbons
<b>Emergency Phone - Chemtrec:</b> 1-800-424-9300	

**SECTION 2 HAZARDS IDENTIFICATION**

**Ingestion:** Low risk of ingestion during normal use; no symptoms noted.  
**Inhalation:** May cause irritation of nasal passages and throat.  
**Eye Contact:** May cause eye irritation, including tearing, discomfort and redness.  
**Skin Contact:** Prolonged or repeated exposure may lead to rash or sensitivity due to removal of natural oils and fats from skin.  
**Effects of Overdose:** Not determined. Delayed effects may include headache, nausea, weakness and confusion. Follow recommended guidelines from poison control center and/or physician.

**SECTION 3 COMPOSITION INFORMATION**

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT%	TLV	PEL
This product is a mixture containing the following ingredients:					
Paraffinic Oil	64742-54-7	--	83%	5 mg/m <sup>3</sup> (Mineral Oil)	Not listed
Inert Ingredients	Mixture	--	17%	Not listed	Not listed

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** Give plenty of water to drink. Do not induce vomiting. Contact a poison control center immediately at (800) 222-1222.  
**Inhalation:** Remove victim to fresh air. Seek medical attention immediately if victim is not breathing or breathing becomes difficult.  
**Eyes:** Immediately flush with copious amounts of fresh water for at least 15 minutes. Seek medical attention if irritation persists.  
**Skin:** Immediately flush with copious amounts of fresh water for at least 15 minutes; use a mild soap if available. Seek medical attention if irritation persists.

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing Media:** Water fog, dry chemical and carbon dioxide (CO<sub>2</sub>) extinguishing media.  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Avoid getting water from firefighting into domestic or irrigation water supplies.  
**Unusual Fire and Explosion Hazards:** Containers may rupture violently if overheated. After fire is controlled, do not handle containers until they have returned to ambient temperature.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in case material is released or spilled:** Dike and contain the spill. If uncontaminated, reuse product. If contaminated, absorb spill with clay, sand or sawdust and collect in a waste container for proper disposal. Spill area can be quite slippery.

**SECTION 7 HANDLING AND STORAGE**

**Precautions to be taken in handling and storing:** Store away from food, feed or other material to be used or consumed by humans or animals. Wash hands after handling and prior to consuming food or beverage or using tobacco products. Keep container closed. Keep out of reach of children. Do not contaminate water supplies, lakes, streams or ponds.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Not required under normal conditions. Local or mechanical exhaust ventilation if levels exceed TLV limits.  
**Respiratory Protection:** If mists or aerosols are generated, use a NIOSH approved respirator with organic vapor cartridges.  
**Protective Clothing:** Normal clean work clothing, including long pants, boots/shoes and shirt with sleeves. If handling open containers, use chemical resistant gloves.  
**Eye Protection:** Safety glasses with side shields. Chemical goggles should be used when handling open containers.  
**Other:** Always wash hands after handling and prior to consuming food or beverage or using tobacco products.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b> >450°F <b>Specific Gravity:</b> 0.894 @ 68°F <b>Flashpoint:</b> >325°F <b>pH:</b> Not determined. <b>Appearance:</b> Colorless to slight straw color liquid, slight aromatic odor. <b>Extinguishing Media:</b> Water fog, dry chemical and carbon dioxide (CO <sub>2</sub> ) extinguishing media.	<b>Melting Point:</b> -60°F <b>Solubility in Water:</b> Emulsifies in water. <b>% Volatiles (by volume):</b> Not listed. <b>Vapor Pressure, mm Hg:</b> Not determined. <b>Reaction with Water:</b> Not listed.
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**SECTION 10**

**STABILITY AND REACTIVITY**

**Stability (Normal Conditions):** Stable.  
**Conditions to Avoid:** Avoid storage or mixing with oxidizing materials.  
**Incompatibility (Material to Avoid):** Oxidizing material can cause a reaction.  
**Hazardous Decomposition Products:** Not determined.  
**Possibility of Hazardous Reactions:** Will not occur.

**SECTION 11**

**TOXICOLOGY INFORMATION**

Not determined.

**SECTION 12**

**ECOLOGICAL INFORMATION**

No specific data is available. Keep from entering surface waters, lakes, streams or ponds.

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

**Waste Disposal Procedures:** If unable to recover, dispose of in accordance with all Local, State and Federal regulations.

**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>	7001-50533 (California)		

**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>	>325°F	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	N/A	N/A

**N.F.P.A. Hazard Rating:** Health: 1 Flammability: 1 Reactivity: 0 Specific: 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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