

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M77329

Trade Name: PHT Hi Load
Registration No: 7001-02001 (Washington)

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For:	J.R. Simplot Company P.O. Box 27 Boise, ID 83707	Product Name:	PHT Hi Load
		Common Name:	Crop Oil Concentrate
Emergency Phone - Chemtrec:	1-800-424-9300	Chemical Type:	Petroleum Hydrocarbon, Agricultural Oil

SECTION 2 COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
----------------------------	------------	------------------	------------------	-----	-----

None listed

Non-Hazardous

The ingredients in this product are considered trade secret information. There are no hazardous ingredients in the product.

SECTION 3 HAZARDS IDENTIFICATION

Ingestion: May cause throat discomfort, nausea, vomiting and diarrhea. Aspiration during ingestion may cause lung injury or possible death.

Inhalation: High concentrations of vapors or mists may aggravate the respiratory tract. Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation and fibrous tissue formation.

Eye Contact: Direct contact with material or exposure to vapors is not expected to cause aggravation.

Skin Contact: Direct contact with material or exposure to vapors is not expected to cause aggravation. Prolonged or repeated skin contact may cause dryness, cracking or dermatitis.

Effects of Overdose: The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical condition and allergic reactions.

SECTION 4 FIRST AID MEASURES

Ingestion: Immediately seek medical attention. DO NOT induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid breathing material into the lungs.

Inhalation: If discomfort, headache, nausea or drowsiness occurs, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention if breathing difficulty persists.

Eyes: Flush eyes with water for 15 minutes. Seek medical attention if discomfort persists.

Skin: Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if discomfort persists.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry chemical powder, and chemical foam or water fog.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus when fire fighting in confined spaces.

Unusual Fire and Explosion Hazards: Burning may produce carbon monoxide. Decomposition or combustion products may be toxic. Empty containers may retain residue and may be dangerous. Heated containers may rupture.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Small spills = Flush the area thoroughly with water and scrub to remove residue. Large spills = Contain spill, cover with inert absorbent and transfer to a waste disposal container.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Maintain good housekeeping practices and clean up spills promptly. Never siphon by mouth.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Normal room ventilation (mechanical) should be satisfactory.

Respiratory Protection: None required for normal use.

Protective Clothing: PVC-coated gloves.

Eye Protection: Wear goggles or a face shield.

Other: Where spills or splashes are likely, wear protective clothing. Eye wash and safety shower should be available.

Trade Name: PHT Hi Load
 Registration No: 7001-02001 (Washington)

M77329

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Approximately 760 mm Hg with F	Solubility in Water:	Soluble
Specific Gravity:	0.870 ± 0.05	% Volatiles (by volume):	< 3
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	5.6	Reaction with Water:	Not listed
Appearance:	Amber liquid; little odor.		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable under normal conditions.
Conditions to Avoid:	Avoid intense heat, sparks or flame.
Incompatibility (Material to Avoid):	Strong oxidizing agents.
Hazardous Decomposition Products:	Not known to occur under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

None listed.

SECTION 12 ECOLOGICAL INFORMATION

None listed.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Disposal must be made in accordance with all applicable government regulations. For containers, triple rinse (or equivalent), adding rinse water to application tank. Offer container for recycling or dispose of in an approved manner.

SECTION 14 TRANSPORT INFORMATION

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

Flash Point (Test Method):	> 200°F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

NFPA Rating: Health: 1 Fire: 1 Reactivity: 0 Special: 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: 2 (addition of the Washington registration number and revision to Section 1)

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED.** It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.