

# Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT Pierce  
Registration No: None

M77304

## SECTION 1

## CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: Plant Health Technologies  
7525 Postma Road  
Moxee City, WA 98936  
Emergency Phone - Chemtrec: 1-800-424-9300 or Exacto at 800-798-9761 (during business hours)

Product Name: PHT Pierce  
Common Name: Pierce  
Chemical Type: Methylated Seed Oil

## SECTION 2

## COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
Ethylene Oxide (EO) (maximum of 1 ppm of EO may be present in the product)	75-21-8	not listed		1 ppm	1 ppm
Methylated Soybean Oil with selected emulsifiers			Non-Hazardous	Not available	Not available

## SECTION 3

## HAZARDS IDENTIFICATION

**For Medical Information, contact:** Chemtrec at 800-424-9300 and ask for Exacto's product named "Pierce." You may also contact Exacto directly at 800-798-9761 during business hours.

**Ingestion:** May cause nausea, vomiting, diarrhea, and abdominal discomfort.  
**Inhalation:** May cause aggravation to eyes, nose, throat and respiratory tract. Avoid breathing vapors or spray mist.  
**Eye Contact:** Direct contact can cause burns.  
**Skin Absorption:** Not normal route of entry.  
**Skin Contact:** Prolonged skin contact may cause discomfort.

## SECTION 4

## FIRST AID MEASURES

**Ingestion:** Rinse out mouth and drink 2 glasses of water. DO NOT INDUCE VOMITING. Seek immediate medical attention.  
**Inhalation:** Remove to fresh air. Treat symptomatically. Seek medical attention if aggravation develops.  
**Eyes:** Immediately flush with water for 15 to 20 minutes. Seek medical attention if discomfort persists.  
**Skin:** Wash with soap and water. Seek medical attention if discomfort persists.

## SECTION 5

## FIRE FIGHTING MEASURES

**Extinguishing Media:** Use water, carbon dioxide or dry chemical to extinguish fires.  
**Special Fire Fighting Procedures:** Wear self-contained, positive pressure breathing apparatus. Avoid getting water from fire-fighting into domestic or irrigation water supplies.  
**Unusual Fire and Explosion Hazards:** None listed.

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:**  
Spilled material should be absorbed onto an inert material and scooped up. The area should be thoroughly flushed with water if slipperiness remains, apply more dry-sweeping compound.

## SECTION 7

## HANDLING AND STORAGE

**Precautions to be taken in handling and storing:**  
For optimum storage stability, store at room temperatures between 40°F (5°C) and 90°F (32°C). Avoid contact with eyes and skin. Do not store near oxidizing agents.

## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation Protection:** Normal room ventilation (mechanical) should be satisfactory.  
**Respiratory Protection:** Wear an approved respirator if necessary.  
**Protective Clothing:** PVC-coated gloves.  
**Eye Protection:** Safety goggles or a face shield.  
**Other:** None listed.

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## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	>200°F	Solubility in Water:	Dispersible
Specific Gravity:	0.894 (+/- 0.05)	% Volatiles (by weight):	<2
Flashpoint:	>250°F	Vapor Pressure, mm Hg:	<1mm
pH:	Not listed.	Vapor Density (air=1):	>1
Appearance:	Clear pale yellow liquid; fatty odor.	Evaporation Rate:	>1
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

## SECTION 10

## STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	Prolonged excessive heat, strong oxidizing agents.
Incompatibility (Material to Avoid):	Strong acids, gases, oxidizers and reducing agents.
Hazardous Decomposition Products:	Thermal decomposition or combustion may produce carbon monoxide and carbon dioxide.
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 applicable government regulations and approved facilities. For specific disposal instructions, contact Exacto at 800-798-9761.

## 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

Ethylene oxide has been determined to be a cancer and reproductive hazard. The trace levels of EO in this product are not expected to result in acute or long-term hazards when handled according to the precautions in this MSDS. However, they may accumulate in the head space of storage and transport vessels. For additional information, contact Exacto at 800-798-9761.

## SECTION 16

## OTHER INFORMATION

Flash Point (Test Method):	>250°F (>93.3°C) Pensky-Martens method	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
Hazard Rating:	Health: 1	Fire: 1	Reactivity: 0	Specific: Not applicable

MSDS Version Number: 2 (revisions to Section 15)

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Reviewed by: The Department of Regulatory Affairs  
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