

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

Trade Name: PHT Grip
Registration No: None

M77303

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For:	Plant Health Technologies PO Box 70013 Boise, ID 83707	Product Name:	PHT Grip
Emergency Phone - Chemtrec:	1-800-424-9300	Common Name:	Grip
		Chemical Type:	Nonionic Sticker-Spreader

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
Non-Hazardous					

None listed

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Small amounts by finger to mouth should not injure. Excessive amounts may injure.
Inhalation: Avoid breathing vapors or spray mist.
Eye Contact: Aggravation can cause redness or swelling.
Skin Exposure: Short and long term exposure can cause discomfort.

SECTION 4

FIRST AID MEASURES

Ingestion: Drink 2 glasses of water or milk. DO NOT INDUCE VOMITING. Call a physician immediately.
Inhalation: Remove to fresh air. Apply artificial respiration if necessary.
Eyes: Immediately flush eyes with water for 15 to 20 minutes. Seek medical attention if discomfort develops.
Skin: Remove contaminated clothing. Wash with soap and water. Seek medical attention if discomfort develops.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus when fighting any fire in an enclosed area.
Special Fire Fighting Procedures: None listed.
Unusual Fire and Explosion Hazards: Burning may produce toxic fumes, carbon monoxide, carbon dioxide, aliphatic aldehydes, carboxylic acids and oxides of silicon.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Material should be collected and disposed in a proper manner. Avoid discharge to natural waters. Wear suitable protective equipment.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Store in a cool, dry place above 32°F. Keep in original container tightly closed. Do not reuse empty container.

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.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Dispersible
Specific Gravity:	0.96 (+/-0.05)	% Volatiles (by volume):	Negligible
Flashpoint:	>200°F	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed.	Reaction with Water:	Not listed.
Appearance:	Clear to amber liquid; slight polyether odor.	Evaporation Rate:	Slower than butyl acetate
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

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SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: None known.
Incompatibility (Material to Avoid): None known.
Hazardous Decomposition Products: CO₂, CO
Hazardous Polymerization: Will not occur.

SECTION 11

TOXICOLOGY INFORMATION

None listed.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Do not contaminate water, food, or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all federal, state and local regulations.

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

This product may contain small amounts of Ethylene Oxide. 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.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	>200°F Pensky-Marten closed cup	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: 3 (revisions to Sections 1, 2, 3, and 13)

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Reviewed by: The Department of Regulatory Affairs
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