

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT Entry
Registration No: 7001-50028 (California); 7001-10001 (Washington)

M52467

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company
PO Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT Entry
Common Name: PHT Entry
Chemical Type: Activator Adjuvant

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
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None listed

Non-Hazardous

This product contains proprietary ingredients and has been tested as a whole to determine its hazard – see section 11.

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Large doses may cause nausea, vomiting, and stomach pain or cramps.
Inhalation: Spray may cause irritation to nose, throat and mucous membranes. May cause coughing or difficulty breathing.
Eye Contact: May cause eye irritation.
Skin Absorption: Not likely to be absorbed by the skin.
Skin Contact: May cause skin irritation.
Effects of Overdose: Acute effects are characterized by irritation. No known chronic effects. High vapor concentrations may be irritating to the eyes and respiratory tract; may cause headaches and dizziness.

SECTION 4

FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING; call a physician.
Inhalation: If respiratory symptoms develop, remove person to fresh air immediately. Begin artificial respiration or CPR (cardiopulmonary resuscitation) if required and seek medical attention as appropriate.
Eyes: Flush eyes gently and thoroughly for 15 minutes with large amounts of clean water, occasionally lifting upper and lower eyelids. Seek medical attention if irritation persists.
Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If redness or rash develops and persists, seek medical attention. Wash or clean contaminated clothing and shoes before wearing again.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Foam, carbon dioxide or dry chemical.
Special Fire Fighting Procedures: Keep unauthorized personnel away. Wear full protective clothing and self-contained breathing apparatus. Stay upwind. Stop spill/release if it can be done without risk. Apply water spray to knock down and absorb fumes and vapors and cool affected containers. Ventilate closed spaces before entering. Always stay away from the ends of tanks.
Unusual Fire and Explosion Hazards: Evacuate people downwind from fire and control runoff water.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: ELIMINATE ALL SOURCES OF IGNITION. DIKE OR IMPOUND TO KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES. ABSORB SPILL WITH INERT MATERIAL. SHOVEL INTO WASTE CONTAINERS. Flush area with water, contain and remove cleanup liquid. Small amounts of spilled liquid may be absorbed using appropriate absorbent material. As conditions warrant, notify proper authorities, downstream sewer and water treatment operations, and other downstream users about potentially contaminated water.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing: Keep containers closed when not in use. Keep away from sources of ignition. Do not contaminate water or feed. Store at temperatures between 41°F and 120°F (5°C and 40°C), in well-ventilated areas away from heat or flame.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Mechanical ventilation is preferred.
Respiratory Protection: A NIOSH or MSHA approved respirator should be worn when dusting/misting occurs.
Protective Clothing: Wear rubber or neoprene gloves where splashing may occur.
Eye Protection: Chemical protective goggles should be used where splashing may occur.
Other: Normal clean work clothing.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	224°C	Solubility in Water:	Emulsifies.
Density:	7.65 – 7.75 lb/gal @ 20°C	% Volatiles (by volume):	Not available.
Flashpoint:	Over 200°F (TCC)	Vapor Pressure, mm Hg:	22.8 mm Hg @ 25°C
pH:	6.0 – 7.0 @ 20°C (2% solution)	Reaction with Water:	Not listed.
Appearance:	Amber liquid with a moderate odor.		
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: High temperatures, sources of ignition.
Incompatibility (Material to Avoid): Strong oxidizers.
Hazardous Decomposition Products: At high temperatures, product may release oxides of carbon.
Possibility of Hazardous Reactions: Will not occur.

SECTION 11

TOXICOLOGY INFORMATION

Eye Effects:	May cause irritation.	Chronic Effects:	No data available.
Acute Dermal Effects LD₅₀ (rabbit):	> 5,000 mg/kg, product is not a skin irritant.	Carcinogenicity:	Not known.
Acute Oral Effects LD₅₀ (rat):	> 5,514 mg/kg	Mutagenicity:	Not known.
Acute Inhalation Effects 4-hour LC₅₀ (rat):	> 5.88 mg/L	Teratogenicity:	Not known.

SECTION 12

ECOLOGICAL INFORMATION

Ecotoxicity: This product is a spray adjuvant. Large spills could possibly damage vegetation. Contamination of waterways could possibly cause fish kills. Prevent spread and runoff into drains, storm sewers, and ditches that lead to waterways.
Aquatic Toxicity: Not known.
Environmental Fate: Non known.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state or federal regulatory agencies for acceptable disposal procedures and disposal locations.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	Sub. Hazard Class:	None
Reportable Quantity (RQ):	None	D.O.T. Number:	None
Marine Pollutant:	No	Labels Required:	None
ERG Number:	None	Placard:	None
Haz Waste No:	None		
EPA Regist No:	7001-50028 (California); 7001-10001 (Washington)		

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):	Not applicable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

MSDS Version Number: 1

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