

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

Trade Name: PHT 8% Zinc Gluconate
Registration No: None

M23940

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator:	JR Simplot Company PO Box 70013 Boise, ID 83707	Product Name:	PHT 8% Zinc Gluconate
		Common Name:	PHT 8% Zinc Gluconate
		Chemical Type:	Zinc fertilizer
Emergency Phone - Chemtrec:	1-800-424-9300		

SECTION 2 COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None					
Non Hazardous					
This product is a blend of the following non-hazardous ingredients					
Zinc Gluconate Complex			59%		
Inerts			41%		

SECTION 3 HAZARDS IDENTIFICATION

Ingestion: Will cause nausea, vomiting, and abdominal cramps.
Inhalation: None expected. Mist will cause irritation of nasal passages and throat.
Eye Contact: May cause eye irritation, including tearing, smarting, and redness.
Skin Contact: Prolonged or repeated exposure may lead to rash.
Delayed Effects: Symptoms of exposure include headache, nausea, weakness, and confusion.

SECTION 4 FIRST AID MEASURES

Ingestion: If conscious and alert, give plenty of water to drink. Then induce vomiting. Obtain medical attention immediately.
Inhalation: Remove to fresh air. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin: Wash skin thoroughly with soap and water. Seek medical attention if condition persists.
Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient. In the event of an adverse response, treatment should be directed toward control of the symptoms.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Water fog, dry chemical and carbon dioxide extinguishing media.
Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus and full protective clothing. Avoid getting water from firefighting into domestic or irrigation water supplies.
Unusual Fire and Explosion Hazards: None known

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers.
Steps to be taken in case material is released or spilled: Dike and contain. If uncontaminated, reuse product. If contaminated, absorb spill with clay, sand, or sawdust. Place in a chemical waste container for proper disposal. Spill area will be quite slippery.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing: Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.
Respiratory Protection: None needed under normal conditions.
Protective Clothing: Impervious gloves, apron and footwear.
Eye Protection: Splash proof goggles.
Other Equipment: Eye wash station.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	214° F	Solubility in Water:	Complete
Vapor Density:	NA	Specific Gravity (Water = 1):	1.488 @ 68° F
Flashpoint:	NA	% Volatiles (by volume):	NA
pH:	7.0	Vapor Pressure, mm Hg:	NA
Appearance:	Amber color liquid with slight sweet odor	Reaction with Water:	None
Extinguishing Media:	Water fog, dry chemical and carbon dioxide extinguishing media		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: None currently known.
Incompatibility (Material to Avoid): Do not allow contact with oxidizing materials.
Hazardous Decomposition Products: Product may produce carbon dioxide and carbon monoxide under fire conditions.
Hazardous Polymerization: Will not occur.

SECTION 11

TOXICOLOGY

Acute Data: Not established
Reproductive / Teratology Data: Not established

SECTION 12

ECOLOGICAL INFORMATION

No information.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: This material must be disposed of according to federal, state, and local procedures under the resource conservation and recovery act.

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:	None		

SECTION 15

REGULATORY INFORMATION

Carcinogenicity: by IARC? Yes () No (X) by NTP? Yes () No (X)

Not on the 302 list of SARA reportable quantities.

This product contains zinc compounds which may be subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.45.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	Above 200°F, 93°C	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
N.F.P.A. Rating:	Health: 1	Fire: 0	Reactivity: 0	Other/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 (Revisions to Section 1 & 2)

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