

# Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT KICKER PRO  
Registration No: 7001-50029 (California); 7001-10002 (Washington)

M77578

## SECTION 1

## CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Manufacturer or Formulator:</b>	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707	<b>Product Name:</b>	PHT KICKER PRO
<b>Emergency Phone - Chemtrec:</b>	1-800-424-9300	<b>Common Name:</b>	PHT KICKER PRO
		<b>Chemical Type:</b>	Inorganic Chemical Fertilizer

## SECTION 2

## COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
Glycerol	56-81-5	$C_3H_5(OH)_3$		10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> (Total Dust)
Phosphoric Acid	7664-38-2	$H_3PO_4$ in $H_2O$		1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
			<b>Non Hazardous</b>		
This product is a blend of the following non-hazardous ingredients			100%	Not established	Not established
Ammonium Sulfate	7783-20-2	$(NH_4)_2SO_4$			
Constituents ineffective as spray adjuvants	NA	NA			

## SECTION 3

## HAZARDS IDENTIFICATION

<b>Ingestion:</b>	Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
<b>Inhalation:</b>	Inhalation is not an expected route of exposure.
<b>Eye Contact:</b>	Dust from this product may cause particulate discomfort to eyes.
<b>Skin Absorption:</b>	Not normally absorbed through the skin.
<b>Skin Contact:</b>	Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.
<b>Effects of Overdose:</b>	Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

## SECTION 4

## FIRST AID MEASURES

<b>Ingestion:</b>	If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.
<b>Inhalation:</b>	Remove to fresh air. Seek medical attention if condition persists.
<b>Eyes:</b>	Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
<b>Skin:</b>	Wash with soap and water. Seek medical attention if condition persists.
<b>Notes to Physician:</b>	Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

## SECTION 5

## FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use media suitable to extinguish source of fire.
<b>Special Fire Fighting Procedures:</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
<b>Unusual Fire and Explosion Hazards:</b>	During extremely high temperature fire conditions, the product may reach melting point and decompose to release $NH_3$ , $SO_x$ , $PO_x$ or $CN$ .

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

<b>Environmental Precautions:</b>	Keep out of water supplies, lakes, ponds, streams and rivers.
<b>Steps to be taken in case material is released or spilled:</b>	Sweep, vacuum, or absorb with an inert absorbent for collection in an approved recovery drum for disposal. Wash area with water. Collect wash water for disposal. Always follow Federal, State and Local regulations regarding waste disposal.

## SECTION 7

## HANDLING AND STORAGE

<b>Precautions to be taken in handling and storing:</b>	Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes. Store in tightly closed original label containers. Store in a dry, well ventilated area away from ignition sources and incompatible materials. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.
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## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation Protection:</b>	Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.
<b>Respiratory Protection:</b>	Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.
<b>Protective Clothing:</b>	Skin contact should be minimized through the use of gloves and suitable long sleeved clothing.
<b>Eye Protection:</b>	The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.

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## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Density:	Not available	% Volatiles (by volume):	Not applicable
Flashpoint:	>200° F	Vapor Pressure, mm Hg:	Not applicable
pH:	6	Reaction with Water:	None
Appearance:	Clear liquid, sweet odor.	Specific Gravity:	1.10 @ 20° C
Extinguishing Media:	Use media suitable to extinguish source of fire.		

## SECTION 10

## STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	Heat, open flame, spark
Incompatibility (Material to Avoid):	Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide from burning
Hazardous Polymerization:	Will not occur

## SECTION 11

## TOXICOLOGY

	Oral LD50 (rat)	Dermal LD50 (rat)	Aquatic Fish 96	Aquatic (other)
Ammonium Sulfate	640-4,250 mg/kg	> 2,000 mg/kg	> 13.6-159.8 mg total NH3/L	> 27.0 mg/total NH3/L (daphnia)
All toxicity data from TFI Product Testing Results.				

## SECTION 12

## ECOLOGICAL INFORMATION

None Listed.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Since empty packaging contains residues of the product, all labeled hazard precautions should be observed. Always follow Federal, State and Local Regulations regarding waste disposal..

## 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:	7001-50029 (California) 7001-10002 (Washington)
Placard:	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						

## SECTION 16

## OTHER INFORMATION

Flash Point (Test Method):	>200° F (PMCC)	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
MSDS Version Number: 2 (addition of CA and WA registration numbers)				

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