

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M77306

Trade Name: PHT Kicker Plus
Registration No: None

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: Plant Health Technologies
PO Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT Kicker Plus
Common Name: Kicker Plus
Chemical Type: Ammonium Sulfate/Drift Retardant Blend

SECTION 2 COMPOSITION INFORMATION

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

SECTION 3 HAZARDS IDENTIFICATION

Ingestion: Not generally considered toxic. If swallowed, discomfort may develop in the mouth, esophagus, stomach, etc. The sulfate ion may cause purging.
Inhalation: May aggravate nose, throat and lungs.
Eye Contact: Mist can cause eye discomfort.
Skin: Discomfort may result from prolonged skin contact.

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 condition persists.
Eyes: Immediately flush with water for 15 to 20 minutes. Seek medical attention if discomfort persists.
Skin: Remove contaminated clothing. Wash with soap and water. Seek medical attention if discomfort persists.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use foam, carbon dioxide or dry chemical to extinguish fires.
Special Fire Fighting Procedures: Wear self-contained positive pressure breathing apparatus.
Unusual Fire and Explosion Hazards: Decomposes at elevated temperatures to produce toxic fumes of ammonia and sulfur oxides. If mixed with strong oxidizers such as potassium nitrate, nitrite or chlorate, a vigorous reaction or explosion may occur.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Spills of this product are very slippery. Material should be collected and disposed in proper manner. Avoid discharge to natural waters. Wear suitable protective equipment.

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 iron clad, copper and copper bearing materials. 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: Where dusty or misty conditions require it, use an approved dust or mist respirator for needed protection.
Protective Clothing: Impervious gloves.
Eye Protection: Wear chemical safety goggles. Do not wear contact lenses.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Specific Gravity:	1.21 (+/- 0.05%)	% Volatiles (by weight %):	>65
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed.	Reaction with Water:	Not listed.
Appearance:	Colorless liquid; odorless.		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	Temperatures above 536°F (280°C) cause decomposition.
Incompatibility (Material to Avoid):	Oxidizers; e.g. potassium salts - nitrite, nitrate, chlorate; also, chlorine and hypochlorite. Avoid contact with zinc-clad, copper and copper bearing alloys.
Hazardous Decomposition Products:	Ammonia and sulfur trioxide and sulfur dioxide gases.
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 disposal. Dispose of according to 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

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):	>200°F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
Hazard Rating:	Health: 2	Fire: 1	Reactivity: 0	Specific: Not applicable

MSDS Version Number: 4

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