

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT Kicker  
Registration No: None

M77305

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator:	J.R. Simplot Company P.O. Box 70013 Boise, ID 83707	Product Name:	PHT Kicker
		Common Name:	Kicker
Emergency Phone - Chemtrec:	1-800-424-9300	Chemical Type:	Water Conditioning and Antifoaming Agent

#### 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, aggravation 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 Contact:** Aggravation may result from prolonged skin contact.

**Effects of Overdose:** None listed.

#### 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 discomfort persists.

**Eyes:** Immediately flush with water for 15 to 20 minutes. Seek medical attention if aggravation persists.

**Skin:** Wash 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.

#### SECTION 5

#### FIRE FIGHTING MEASURES

**Extinguishing Media:** Use foam, carbon dioxide or dry chemical to extinguish fires.

**Special Fire Fighting Procedures:** 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.

**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:** Material should be collected and disposed of in a proper manner. Avoid discharging to natural waters. Wear suitable protective equipment. Do not contaminate water, food or feed by disposal.

#### SECTION 7

#### HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Do not allow to freeze. For optimum storage stability, store at 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.

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Specific Gravity:	1.204 (+/- 0.05)	% Volatiles (by volume):	Not applicable
Flashpoint:	>200°F	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed	Reaction with Water:	None
Appearance:	Colorless liquid; odorless.		
Extinguishing Media:	Use media suitable to extinguish source of fire.		

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## SECTION 10

## STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Extremely high temperatures.  
**Incompatibility (Material to Avoid):** Oxidizers: e.g. potassium salts - nitric, nitrate, chlorate; also, chlorine and hypochlorite. Avoid contact with zinc-clad, copper and copper-bearing materials.  
**Hazardous Decomposition Products:** Ammonia and sulfur trioxide and sulfur dioxide gases.  
**Hazardous Polymerization:** Will not occur

## SECTION 11

## TOXICOLOGY

NONE LISTED.

## SECTION 12

## ECOLOGICAL INFORMATION

NONE LISTED.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Do not contaminate water, food or feed with disposal. Dispose in accordance with all federal, state, and local regulations.

## SECTION 14

## TRANSPORT INFORMATION

<b>Shipping name:</b>	Not regulated by DOT	<b>C.A.S. Number:</b>	See "Ingredients"
<b>Hazard Class:</b>	None	<b>D.O.T. Number:</b>	None
<b>Reportable Quantity (RQ):</b>	None	<b>Haz Waste No:</b>	None
<b>Labels Required:</b>	None	<b>EPA Regist No:</b>	None
<b>Placard:</b>	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

<b>Flash Point (Test Method):</b>	>200°F	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	N/A	N/A

**N.F.P.A. Rating:** Health: 2 Fire: 1 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:** 5 (revisions to Sections 1, 4 & 5)

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