

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT Kicker Ultra Dry  
Registration No: None

M77338

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For:	J.R. Simplot Company	Product Name:	PHT Kicker Ultra Dry
	P.O. Box 70013	Common Name:	Kicker Ultra Dry
	Boise, ID 83707	Chemical Type:	Dry water-soluble adjuvant
Emergency Phone - Chemtrec:	1-800-424-9300		

#### SECTION 2

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT%	TLV	PEL
None listed				15 mg/m <sup>3</sup> nuisance dust	15 mg/m <sup>3</sup> nuisance dust

#### SECTION 3

#### HAZARDS IDENTIFICATION

**Ingestion:** May cause considerable gastric upset, ulceration or hemorrhage of the gastrointestinal tract and diarrhea. Systemic ammonia poisoning is possible if sufficient absorption occurs.

**Inhalation:** Not an expected route of exposure. May cause discomfort.

**Eye Contact:** Listed as route of entry.

**Skin:** Listed as route of entry.

#### SECTION 4

#### FIRST AID MEASURES

**Ingestion:** If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**Inhalation:** If respiratory discomfort or distress occurs, remove victim to fresh air. Seek medical attention if respiratory discomfort or distress continues.

**Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

**Skin:** In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

**Note to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

#### SECTION 5

#### FIRE FIGHTING MEASURES

**Extinguishing Media:** Water fog, foam, CO<sub>2</sub>, or dry chemical.

**Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Special procedures should not be necessary.

**Unusual Fire and Explosion Hazards:** Dust suspended in air creates explosion hazard. When heated to decomposition, hydrogen cyanide, carbon monoxide and ammonia may be emitted.

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:**  
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

**Precautions to be taken in handling and storing:**  
Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet. Store in tightly closed original-labeled containers. Store in a dry, well-ventilated area away from ignition sources.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.

**Ventilation Protection:** None listed.

**Respiratory Protection:** Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.

**Protective Clothing:** Gloves and suitable long-sleeved clothing (shirts and pants).

**Eye Protection:** 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

Flashpoint:	Difficult to burn or continue burning	Solubility in Water:	Soluble
Density:	52-57 lbs/ft <sup>3</sup>	% Volatiles (by volume):	Not listed
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	No data	Reaction with Water:	Not listed.
Appearance:	Free-flowing white granules; slight chemical odor.		
Extinguishing Media:	Use media suitable for extinguishing 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, bases, chlorates and nitrates.
Hazardous Decomposition Products:	Temperatures above 282°C causes release of ammonia and sulfur trioxide.
Hazardous Polymerization:	Will not occur

## SECTION 11

## TOXICOLOGY INFORMATION

None established.

## 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:	None
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

**SARA 302/311/312 Hazard Categories:** 302 - acrylamide (impurity) > 0.1%  
**304 CERCLA/313 Reportable Ingredients:** 313 - sulfuric acid diammonium < 100%, 304 - acrylamide (impurity) > 0.1%  
**TSCA Status:** All chemical substances in this product are listed in the TSCA inventory.

## 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: 2

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