

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: PHT Ad-Buffer  
Registration No: 7001-50013 (California)

M77383-CA

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Manufacturer or Formulator:</b>	J.R. Simplot Company PO Box 70013 Boise, ID 83707	<b>Product Name:</b>	PHT Ad-Buffer
		<b>Common Name:</b>	Drift Reducing Acidifier
<b>Emergency Phone - Chemtrec:</b>	1-800-424-9300	<b>Chemical Type:</b>	Proprietary Blend

#### SECTION 2

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	Exposure Limits
Propionic Acid	79-09-04		24%	10ppm/8hr. TWA 15ppm/15min. STEL

The maximum of 1ppm Ethylene Oxide (EO) (75-21-8) may be present in the product. The OSHA PEL and ACGIH TLV for EO is 1ppm.

#### SECTION 3

#### HAZARDS IDENTIFICATION

<b>Ingestion:</b>	Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
<b>Inhalation:</b>	Mists or vapors may be harmful to respiratory tract
<b>Eye Contact:</b>	Causes Eye Irritation
<b>Skin Absorption:</b>	Causes Skin Irritation
<b>Skin Contact:</b>	Causes Skin Irritation

#### SECTION 4

#### FIRST AID MEASURES

<b>Ingestion:</b>	Call a poison control center or Physician immediately for treatment advice. Have person sip a glass of water if able to do so. Do not induce vomiting, unless told to by a poison control center or Physician.
<b>Inhalation:</b>	Move person to fresh air. Seek medical attention
<b>Eyes:</b>	Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
<b>Skin:</b>	Remove contaminated clothing. Rinse skin with water for at least 15 minutes.

#### SECTION 5

#### FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Foam, Dry Chemical, CO2, Water Spray
<b>Special Fire Fighting Procedures:</b>	Use alcohol-type or universal- type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.
<b>Unusual Fire and Explosion Hazards:</b>	May be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat of fire.

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Material should be collected and disposed in proper manner. Avoid discharge to natural waters as concentrated material is highly toxic to fish. Wear suitable protective equipment.

#### SECTION 7

#### HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Keep out of reach of children. Store in a cool dry place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies. Do not store with materials labeled "oxidizers" or oxidizing agents.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation Protection:</b>	Normal room ventilation (mechanical) should be satisfactory.
<b>Respiratory Protection:</b>	Wear NIOSH/OSHA approved respirator if necessary
<b>Protective Clothing:</b>	Impervious gloves
<b>Eye Protection:</b>	Wear Goggles or face shield
<b>Other:</b>	Eye wash and safety shower

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not available	<b>Solubility in Water:</b>	100%
<b>Specific Gravity:</b>	1.023 (+/- .05)	<b>% Volatiles (by volume):</b>	Not available
<b>Flashpoint:</b>	>200 F	<b>Vapor Pressure, mm Hg:</b>	Not applicable
<b>pH:</b>	Not available	<b>Reaction with Water:</b>	Not available
<b>Appearance:</b>	Dark amber liquid, Vinegar like odor		
<b>Extinguishing Media:</b>	Use media suitable for extinguishing source of fire.		

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## SECTION 10

## STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Extremely high temperatures. High Alkaline conditions.  
**Incompatibility (Material to Avoid):** Strong oxidizing agents. Can react with metals, strong bases and amines.  
**Hazardous Decomposition Products:** Carbon dioxide, Carbon Monoxide  
**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 storage or disposal. Disposed of in and approved waste disposal facility in accordance with all Federal, State and Local Regulations.

## SECTION 14

## TRANSPORT INFORMATION

<b>Shipping name:</b>	PROPIONIC ACID SOLUTION, 8, UN1848, PG III	<b>C.A.S. Number:</b>	See "Ingredients"
<b>Hazard Class:</b>	8	<b>D.O.T. Number:</b>	UN1848
<b>Reportable Quantity (RQ):</b>	None	<b>Haz Waste No:</b>	None
<b>Labels Required:</b>	Yes	<b>EPA Regist No:</b>	None
<b>Placard:</b>	Corrosive		

## SECTION 15

## REGULATORY INFORMATION

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

**WARNING:** This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer or reproductive toxicity

This compound meets requirements for reporting under SARA Title III.

## 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

**MSDS Version Number:** 3 (revisions to Section 1 and addition of Cal. Registration Number)

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**Reviewed by:** The Environmental Health & Safety Department  
July 2006 (208) 389-7394