

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

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

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

SECTION 4

FIRST AID MEASURES

Ingestion:	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.
Inhalation:	Move person to fresh air. Seek medical attention
Eyes:	Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin:	Remove contaminated clothing. Rinse skin with water for at least 15 minutes.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media:	Foam, Dry Chemical, CO2, Water Spray
Special Fire Fighting Procedures:	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.
Unusual Fire and Explosion Hazards:	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

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

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

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

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

Flash Point (Test Method):	>200°F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	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
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