

# Material Safety Data Sheet

## J. R. Simplot Company

### AgriBusiness

Trade Name: Spray-Buffer  
Registration No: None

M77460

#### SECTION 1

#### CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company  
PO Box 27  
Boise, ID 83702  
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Spray-Buffer  
Common Name: Spray-Buffer  
Chemical Type: Acidifier

#### SECTION 2

#### HAZARDS IDENTIFICATION

**Ingestion:** Practically harmless  
**Inhalation:** Inhalation of vapor mist may cause mild irritation of the respiratory tract.  
**Eye Contact:** May be slight irritant  
**Skin Contact:** Long-term exposure to skin could be a mild irritant

#### SECTION 3

#### COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None listed					
Proprietary blend of non hazardous ingredients			Non-Hazardous 100%	Not listed	Not listed

#### SECTION 4

#### FIRST AID MEASURES

**Ingestion:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.  
**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.  
**Eyes:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.  
**Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

#### SECTION 5

#### FIRE FIGHTING MEASURES

**Extinguishing Media:** This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.  
**Special Fire Fighting Procedures:** None listed  
**Unusual Fire and Explosion Hazards:** Oxides of carbon and nitrogen produced by the combustion of this product.

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** CAUTION: Spills may be slippery. Material should be collected and disposed of in a proper manner. Dike area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust, or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

#### SECTION 7

#### HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Keep out of reach of children. Avoid prolonged and/or repeated skin contact and eye contact when handling this product. Keep container closed and dry. Isolate from strong oxidizing agents. Avoid contact with copper, aluminum, copper alloys, or nickel.

#### SECTION 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation Protection:** Normal room ventilation (mechanical) should be satisfactory.  
**Respiratory Protection:** None required for normal use.  
**Protective Clothing:** Impervious gloves  
**Eye Protection:** Wear goggles or safety glasses.  
**Other:** Eye wash station

#### SECTION 9

#### PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Density:		% Volatiles (by volume):	Not listed.
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed.	Reaction with Water:	Not listed.
Appearance:	Clear to slightly yellow tint with citric odor		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

#### SECTION 10

#### STABILITY AND REACTIVITY

**Stability (Normal Conditions):** Stable  
**Conditions to Avoid:** Contact with strong oxidizers and prolonged storage at elevated temperatures should be avoided.

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**Incompatibility (Material to Avoid):** Aqueous solution in contact with aluminum evolves hydrogen. Avoid contact with aluminum, copper, copper alloys, and nickel. Avoid contact with strong oxidizers and metal nitrates.

**Hazardous Decomposition Products:** CO<sub>2</sub>, CO, NO, and H<sub>2</sub>O

**Possibility of Hazardous Reactions:** Will not occur.

## SECTION 11

## TOXICOLOGY INFORMATION

**Sensitization:** N/A  
**Developmental Toxicity:** None Known  
**Target Organ Toxicity:** None Known

## SECTION 12

## ECOLOGICAL INFORMATION

Not listed

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Waste Disposal Procedures:** Do not contaminate water, food, or feed by storage or disposal. Dispose on in an approved waste disposal facility 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>Sub. Hazard Class:</b>	None
<b>Reportable Quantity (RQ):</b>	None	<b>D.O.T. Number:</b>	None
<b>Marine Pollutant:</b>	No	<b>Labels Required:</b>	None
<b>ERG Number:</b>	None	<b>Placard:</b>	None
<b>Haz Waste No:</b>	None		
<b>EPA Regist No:</b>	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

<b>Flash Point (Test Method):</b>	Not applicable	<b>Flammable Limits</b>	<b>LOWER</b>	<b>UPPER</b>
<b>Autoignition Temperature:</b>	Not applicable	(% BY VOLUME)	N/A	N/A
<b>NFPA Hazard Rating:</b>	<b>Health: 1</b>	<b>Flammability: 0</b>	<b>Instability: 0</b>	<b>Special Hazards: None</b>
<b>Health:</b>	Exposure could cause irritation but only minor residual injury even if no treatment is given.			
<b>Flammability:</b>	Materials that will not burn.			
<b>Instability:</b>	Normally stable, even under fire exposure conditions, and are not reactive with water.			

MSDS Version Number: 1

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Reviewed by: Environmental, Health, & Safety  
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