

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT Water-Guard RT
Registration No: CA REG NO 7001-50034

M77626

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

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

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
NONE			Non Hazardous		
This product is a blend of the following non-hazardous ingredients:				Not Listed	Not Listed
Proprietary Blend of poly amine Nonylphenol			53%		
Hard Water Scavenger			4%		
Inert			43%		

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Harmful if swallowed
Inhalation: Slightly toxic if inhaled
Eye Contact: Causes severe eye irritation
Skin Absorption: Can cause mild skin Irritation
Skin Contact: Can cause mild skin Irritation
Effects of Overdose:

SECTION 4

FIRST AID MEASURES

Ingestion: Wash out mouth thoroughly with water. Get medical attention. Contact a Poison Control Center. Do not induce vomiting.
Inhalation: Remove to fresh air. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention.
Skin: Immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash thoroughly with soap and water. Wash clothing before reuse. 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: Flood with water, Dry chemical, CO2 or alcohol foam
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: None

SECTION 6

ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers.
Steps to be taken in case material is released or spilled: Observe all protection and safety precautions when cleaning up spills.
Liquid spills on floor or other impervious surfaces should be contained or diked and should be absorbed with attapulgate, bentonite or other absorbent clays. Collect contaminated absorbent, place in a plastic lined metal drum and dispose of in accordance with instruction provided under Disposal. Thoroughly scrub floor with strong industrial type detergent solution and rinse with water.
Liquid spills that soak in the ground should be dug-up, place in plastic-lined metal and disposed of in accordance with instruction provided under Disposal.
Leaking containers should be separated and its contents transferred to a plastic-lined drum or other non-leaking container. Disposal of leaking should be done in accordance with instruction provided under Disposal.
Do not contaminate water, or food by storage or disposal.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry area. Do not get in eye, on skin, or on clothing. Wear goggles or face shield and rubber gloves in transferring and mixing. Wash thoroughly with soap and water after handling.
Storage: Store in original container. In case of leak or spill, use absorbent material to contain liquids and disposed of wastes. Store this product above 32 degrees F to keep for thickening. If frozen, warm in an area that is less than 100 degrees F prior to use. Keep out of the reach of children.

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SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: No special precautions recommended.

Respiratory Protection: This product is not likely to present an airborne exposure concern under normal use. Use NIOSH/MSHA approved respiratory protection equipment if needed for exposure during unusual handling. Respiratory protection programs must comply with 29 CFR 1910.134.

Protective Clothing: Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Wear face shield and chemical resistant clothing when splashing is likely. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling.

Eye Protection: Where there is potential for eye contact, wear chemical goggles and have flushing equipment immediately available.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	96° C	Solubility in Water:	100
Density:	8.6 lb/gal	% Volatiles (by volume):	Not applicable
Flashpoint:	Greater than 200° F	Vapor Pressure, mm Hg:	Less than 3mm hg (3 torr)
pH:	2	Reaction with Water:	None
Appearance:	Amber liquid, mild odor	Specific Gravity:	1.05 g/ml
Extinguishing Media:	Use media suitable to extinguish source of fire.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Product is stable under normal conditions of use, storage and handling.

Conditions to Avoid:

Incompatibility (Material to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: CO₂, CO, Nitrogen

Hazardous Polymerization: Will not occur

SECTION 11

TOXICOLOGY

ACUTE INHALATION TOXICITY: Defined LC₅₀ is between 0.53 and 2.01 mg/L in male and female rats. EPA CATEGORY III CAUTION

ACUTE ORAL TOXICITY: Acute Oral LD₅₀ is estimated to be 3129 mg/kg in female rats. EPA CATEGORY III CAUTION

PRIMARY EYE IRRITATION: Classified as severely irritating to the eye. EPA CATEGORY II WARNING

PRIMARY SKIN IRRITATION: Classified slightly irritating. EPA CATEGORY IV CAUTION

ACUTE DERMAL TOXICITY: Acute Oral LD₅₀ is estimated to be 3129 mg/kg in female rats.

SECTION 12

ECOLOGICAL INFORMATION

None Listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: This material when discard is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery act. (RCRA, 40 CFR 261. Dispose of by landfill, incineration or recycle in accordance with local, state and federal regulations.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
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

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

Not on the 302 list of SARA reportable quantities

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	Non-flammable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A
MSDS Version Number: 2 (revision to registration number)				

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