

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M77335

Trade Name: PHT Ad-Wet 90 CA
CA Registration No: 7001-50005

SECTION 1 CHEMICAL PROPERTIES AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company
P.O. Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT Ad-Wet 90 CA
Common Name: Ad-Wet
Chemical Type: Nonionic Surfactant

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT%	TLV	PEL
Ethanol, 2, 2-oxybis	111-46-6	not listed	Hazardous 10-20%	Not listed	Not listed
Emulsifiers, water & inerts			Non-Hazardous balance	Not listed	Not listed

SECTION 3 HAZARDS IDENTIFICATION

Ingestion: Harmful if swallowed. Can enter lungs and cause damage. May cause dizziness and drowsiness. Aspiration hazards, if swallowed. This product is not to be used in food, cosmetic or potable water applications. Product contains ethylene glycol and/or diethylene glycol, which is toxic when swallowed.

Inhalation: Excessive vapors or mist in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas, may cause aggravation to the nose and throat, headache, nausea and drowsiness.

Eye Contact: May cause severe aggravation.

Skin Contact: Short and long term exposure can aggravate and cause redness and swelling.

Effects of Overdose: The above listed potential effects of exposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical conditions and allergic reactions.

SECTION 4 FIRST AID MEASURES

Ingestion: If victim is conscious and can swallow, give two glasses of water (16 oz). Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs, give fluids again. Have a physician determine if condition of person will permit induction of vomiting or evacuation of stomach.

Inhalation: If discomfort, headache, nausea or drowsiness occur, remove to fresh air. Get medical attention if breathing becomes difficult or discomfort persists. Give CPR if required.

Eyes: Flush eyes with water for 15 minutes. Get medical attention if discomfort persists.

Skin: Wash skin with soap and water. Do not use solvents. Get medical attention if discomfort develops or persists.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: According to NFPA guide, use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and provide protection for persons attempting to stop the leak.

Special Fire Fighting Procedures: Use water spray to cool fire-exposed surfaces and to protect personnel. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water.

Unusual Fire and Explosion Hazards: None listed.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid discharge to natural waters as concentrated material is highly toxic to fish.

Steps to be taken in case material is released or spilled:
Material should be collected and disposed of in a proper manner. Do not contaminate water, food or feed by storage or disposal. Wear suitable protective equipment. Dispose in accordance with all federal, state and local regulations.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Empty containers can be hazardous if used to store toxic, flammable or reactive material. Do not use with aluminum equipment at temperatures above 120oF. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flames or heat. Keep containers in cool storage place with closed drum bungs. Keep out of the reach of children.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation should be satisfactory.

Respiratory Protection: None required for normal use.

Protective Clothing: Clean work clothing; chemical resistant gloves.

Eye Protection: Chemical splash goggles or a face shield.

Other: Full body protective suit, eye wash and safety shower.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Specific Gravity:	1.056 (+/- 0.05)	% Volatiles (by volume):	< 15%
Flashpoint:	> 200°F	Vapor Density:	>1 (air =1)
pH:	5.5 to 6.5	Reaction with Water:	Not applicable
Appearance:	Amber liquid; mild odor.		
Extinguishing Media:	Water spray, dry chemical, foam or carbon dioxide.		

SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	High temperatures.
Incompatibility (Material to Avoid):	Strong oxidizing agents such as hydrogen peroxide, bromine and chromic acid.
Hazardous Decomposition Products:	Heating in air may produce aggravating aldehydes, acids and ketones.
Hazardous Polymerization:	Will not occur.
Subject to Heat:	Toxic levels of carbon monoxide, carbon dioxide, aggravating aldehydes and ketones may be formed on burning.

SECTION 11 TOXICOLOGY INFORMATION

None listed.

SECTION 12 ECOLOGICAL INFORMATION

None listed.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Disposal should be in accordance to all federal, state and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping name:	Not regulated by D.O.T.	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	Not listed
Reportable Quantity (RQ):	None	Haz Waste No:	Not listed
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):	>200°F	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	not listed	(% BY VOLUME)	N/A	N/A

Hazard Rating (N.F.P.A.): Health: 2 Fire: 1 Reactivity: 0 Specific: Not applicable
This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.).

MSDS Version Number: 2

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