

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: Ad-Wet
Registration No: 7001-50516 (California)

M78006

SECTION 1

CHEMICAL PROPERTIES AND COMPANY INFORMATION

Manufactured For: J.R. Simplot Company
P.O. Box 27
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Ad-Wet
Common Name: Ad-Wet
Chemical Type: Spreader--Penetrant

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT%	TLV	LD ₅₀
			Hazardous		
Isopropyl Alcohol	67-63-0	CH ₃ CHOHCH ₃	4.1	400 ppm	5840
Propylene Glycol Monomethyl Ether	107-98-2	CH ₃ OCH ₂ CH(OH)CH ₃	4.5	100 ppm	6600
			Non-Hazardous		
Igepal CO-630/CO-430			71.6		
Ethoxylated Nonylphenol, Branched	68412-54-4	not listed			
Dioxane	123-91-1	not listed			
Ethylene Oxide	75-21-8	not listed			
Water		H ₂ O	18.0		
Oleic Acid	not listed	not listed	1.8	Not listed	Not listed

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Not normal route of entry.
Inhalation: An aggravant to eyes. Acts as a local aggravant and in high concentrations as a narcotic.
Eye Contact: Causes eye aggravation.
Skin Absorption: Prolonged and/or repeated skin contact may be aggravating. It is not considered an important toxic hazard.
Skin Contact: There is some evidence that personnel can acquire a slight tolerance to this material, and single or repeated applications of it on the skin of rats, rabbits, dogs, or human beings induced no untoward effects. It can have a narcotic effect.
Effects of Overdose: Inhalation causes headache, nausea, dizziness, mental depression, vomiting, coma, and death. Recognition odor in air, 40 ppm. Eye aggravation Grade 4--can cause corneal burns, any eye damage by contact with liquid. Prolonged and/or repeated skin contact may be discomforting.

SECTION 4

FIRST AID MEASURES

Ingestion: If large amount is swallowed, give two large glasses of water and get medical attention immediately. Do not induce vomiting because of risk of aspiration into lungs.
Inhalation: If overcome by vapors, remove to fresh air and if breathing has stopped, give artificial respiration. Keep individual calm. Immediately seek medical help.
Eyes: Flush with water for at least 15 minutes. Seek prompt medical consultation.
Skin: Immediately flush with continuous flow of water. Remove contaminated clothing and shoes immediately. Wash clothing.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol foam, dry chemicals. Water may be ineffective.
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: WARNING: This product is FLAMMABLE. Reacts violently with oxidizers. Moderate explosiveness when exposed to heat or flame.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Will produce BOD. Air pollution hazard: Low. Will biodegrade at moderately fast-rate to acetone. Major species threatened: Terrestrial Life.
Steps to be taken in case material is released or spilled: Keep public away. Shut off source if possible to do so without hazard. Eliminate sources of ignition. Warn occupants of downwind areas of explosion hazard. Evacuate area. Prevent liquid from entering sewers, water sources of low areas.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store away from heat or open flame and oxidizing materials. Do not contaminate water, food or feed by storage or disposal. Do not use, pour, spill or store near heat or open flame.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Adequate ventilation.
Respiratory Protection: Use approved respiratory protection such as air-supplied mask if in enclosed area.
Protective Clothing: Clean work clothing, chemical resistant gloves.
Eye Protection: Chemical splash goggles.
Other: No smoking or open flames.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Complete
Density:	8.63 lbs/gal	% Volatiles (by volume):	Approximately 10%
Flashpoint:	105°F SCC	Vapor Pressure, mm Hg:	Not applicable
pH:	6.94	Reaction with Water:	Not applicable
Appearance:	Clear colorless liquid, mild alcohol odor.		
Extinguishing Media:	Alcohol foam, CO ₂ , dry chemical.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	Heat and open flame, sparks, oxidizing materials.
Incompatibility (Material to Avoid):	Alkylene oxides, acid anhydrides, inorganic acids, organic acids, phosphorous trichloride, aldehydes, monomers, polymerizable esters, hydrogen with palladium and storing this product in aluminum vessels.
Hazardous Decomposition Products:	No unusual products of combustion.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Not applicable

SECTION 11

TOXICOLOGY INFORMATION

None listed.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Reuse uncontaminated product according to label directions using good agronomic practices. Dispose in accordance with all local, state, and federal 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	State Regist No:	7001-50516 (California)
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):	Not available	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not available	(% BY VOLUME)	N/A	N/A

MSDS Version Number: 6 (revisions to Section 1)

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Reviewed by: The Environmental Health & Safety Department
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