

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M78002

Trade Name: Ad-Here® XL
State Registration No: 65343-50005

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: Plant Health Technologies
PO Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: Ad-Here® XL
Common Name: Ad-Here® XL
Chemical Type: Mixture of Surfactants

SECTION 2 HAZARDS IDENTIFICATION

In the case of medical emergency, trade secret information is made available to medical professionals in accordance with the Federal OSHA Hazard Communication Standard, subsections (d) and (i) – call (713) 433-7281 daytime and (908) 826-6660 nighttime and refer to “Adsee 775.”

Ingestion: Ingestion may cause nausea and vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression.

Inhalation: May cause aggravation and distress to eyes, nose and throat. May cause dizziness. Avoid breathing vapors or mists.

Eye Contact: May cause aggravation and distress. Avoid prolonged contact with eyes.

Skin Absorption: May cause dermatitis.

Skin Contact: May cause dermatitis. Avoid prolonged contact with skin.

Effects of Overdose: Large amounts, if retained, lead to symptoms of central nervous system depression.

SECTION 3 COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
Petroleum Solvent	64742-95-6	N/A	No data	563 mg/m ³	563 mg/m ³
1,2,4-trimethylbenzene	95-63-6	N/A	3	125 mg/m ³	125 mg/m ³

Many contain trace amounts of propylene oxide and ethylene oxide.
This product contains light aromatic solvent naphtha, CAS #: 64742-95-6, at 3% or greater.
Non-Hazardous

Balance

SECTION 4 FIRST AID MEASURES

Ingestion: If swallowed, drink two large glasses of water and get medical attention immediately. Do not give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air and if victim is not breathing administer artificial respiration. Call a physician if respiratory discomfort continues.

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician

Skin: Flush with large amounts of water. Seek medical attention. Remove and clean contaminated clothing.

Note to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Media suitable to extinguish source of fire – dry chemical, water spray, water fog, carbon dioxide, foam, sand or earth.

Special Fire Fighting Procedures: Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: None listed. Keep out of all bodies of water and sewer systems.

Steps to be taken in case material is released or spilled:
Absorb with an inert material such as sand, soil, or vermiculite; sweep up and dispose of in accordance with federal, state, and local regulators.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Store between 40°F and 120°F. Keep out of reach of children. Store in tightly closed original containers in a dry, well-ventilated area, away from ignition sources and incompatible materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Mechanical ventilation recommended.

Respiratory Protection: Use approved respirator with organic vapor cartridge if vapor concentration exceeds permissible exposure limit.

Protective Clothing: Rubber or plastic solvent resistant gloves and a neoprene protective type apron with long-sleeved shirt and pants.

Eye Protection: Chemical splash-proof goggles.

Other: Eye wash and safety shower should be accessible to the work area.

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SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not available	Solubility in Water:	Emulsion @ 25°C
Specific Gravity:	Less than one (<1)	% Volatiles (by volume):	1 – 2
Flashpoint:	126°F	Vapor Pressure, mm Hg:	Not available
pH:	5 – 7	Reaction with Water:	None
Appearance:	Amber colored liquid		
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Conditions to Avoid:	Extreme heat or cold, open flame or sparks.
Incompatibility (Material to Avoid):	Strong oxides such as hydrogen peroxide, bromine and chromic acid.
Hazardous Decomposition Products:	Burning may produce carbon monoxide and carbon dioxide, aggravating aldehydes and ketones.
Possibility of Hazardous Reactions:	Will not occur.

SECTION 11

TOXICOLOGY INFORMATION

Acute Oral Toxicity: Rat = < 5,050 mg/kg.
Acute Dermal Toxicity: Rabbit = < 2,020 mg/kg.

SECTION 12

ECOLOGICAL INFORMATION

None listed.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Dispose of in accordance with all applicable federal, state and local regulations.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	*Combustible Liquid, N.O.S. (Petroleum Solvent)	C.A.S. Number:	See "Ingredients"
Hazard Class:	Combustible Liquid	D.O.T. Number:	NA 1993
Reportable Quantity (RQ):	None	Haz Waste No:	None
Labels Required:	None	EPA Regist No:	None
Placard:	Combustible (>119 gallons in one container)	Placard:	None
Packaging Group:	III		
EPA Regist No:	None		

*Note: Not regulated by D.O.T. when shipped in containers of less than 119 gallons.

SECTION 15

REGULATORY INFORMATION

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

Note: Ethylene Oxide is listed as a potential carcinogen by IARC and NTP. Propylene Oxide is listed as a potential carcinogen by NTP. If this product is handled as recommended in this MSDS, the trace amounts of these chemicals are not expected to result in acute or chronic hazards.

This product contains 1,2,4-trimethylbenzene (3%), C.A.S. number 95-63-6, trace amounts of Propylene Oxide, C.A.S. number 75-56-9, trace amounts of Ethylene Oxide, C.A.S. number 75-21-8, which are subject to the reporting requirements of section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	126°F (Pensky-Martens Closed Cup)	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

Hazard Rating (N.F.P.A.): Health: 1 Fire: 2 Reactivity: 0 Specific: None

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.

MSDS Version Number: 7 (revisions to Section 1)

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Reviewed by: The Department of Regulatory Affairs
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