

ZENECA Ag Products

MATERIAL SAFETY DATA SHEET

Archer Insect Growth Regulator

Version: 1

Date issued: 08/19/98

MSDS No. US006047_01

Date printed: 08/20/98

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company : Zeneca Agricultural Products
1800 Concord Pike
Wilmington DE 19850

Phone number : (302) 886-1000

Emergency phone : Medical: 800-327-8633 (1-800 FASTMED)
Chemtrec: 800-424-9300
Technical: 302-886-3000

Name used on label : Archer Insect Growth Regulator

A Registered Trade Mark of a Zeneca Group Company.

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Identity	CAS-no.	Typical %	Other information
Pyriproxifen	95737-68-1	1.3 %	Active Ingredient
Other Ingredients:		98.7 %	

Section 3 – HAZARDS IDENTIFICATION

Physical hazards:

Combustible liquid

Health hazards:

Irritant (skin, eye, respiratory passages).

Section 4 – FIRST AID MEASURES

IF IN EYES:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

IF ON SKIN:

Wash material off the skin with plenty of soap and water. If redness, itching or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

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IF SWALLOWED:

DO NOT INDUCE VOMITING. Provided the patient is conscious, give 1 or 2 glasses of water to drink. Immediately contact Zeneca's Emergency Information Network at 1-800-F-A-S-T-M-E-D (327-8633). Never give anything by mouth to an unconscious person.

IF INHALED:

Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.

Section 5 – FIRE FIGHTING MEASURES

Flash point :

153 °F

Method: (Setaflash CC)

Autoignition temperature :

No data.

Flammable limits (STP) :

No data.

EXTINGUISHING MEDIA:

Foam, carbon dioxide or dry chemical.

PROTECTIVE EQUIPMENT:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

Combustible liquid by OSHA 29 CFR 1910.1200. If heated above the flash point, heavy vapors can flow along surfaces to distant ignition sources and flash back.

Section 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Steps to be taken in case material is released or spilled:

Make sure all personnel involved in the spill cleanup follow good industrial hygiene practices. A small spill can be handled routinely. Use adequate ventilation and wear an air-supplied respirator to prevent inhalation. Wear suitable protective clothing and eye protection to prevent skin and eye contact.

METHODS FOR CLEANING UP:

Do not allow the material to enter streams, sewers or other waterways.

Sweep up spilled material being careful not to create dust. Shovel sweepings into an open drum.

Generously cover the contaminated areas with common, household detergent (e.g. TIDE, registered trademark of Proctor & Gamble Co.). Using a stiff

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brush and small amounts of water, work the detergent into the remaining spilled material forming a slurry. Brush the slurry into cracks and crevices and allow to stand for 2-3 minutes. Be careful to completely avoid skin or eye contact. Do not splatter on oneself or bystanders. Spread absorbent on the slurry liquid and shovel mixture into the open drum.

Rinse with small amount of water and use absorbent to collect the wash solution. Shovel into the open drum.

Seal drum and dispose of contaminated material in a facility permitted for hazardous waste. Large spills should be handled according to a spill plan. Otherwise, in case of emergency call, day or night, 800-424-9300, Chemtrec.

Section 7 – HANDLING AND STORAGE

REQUIREMENTS FOR STORAGE ROOMS:

Containers should be stored in a cool, dry, well-ventilated area away from flammable materials and sources of heat or flame. Exercise due caution to prevent damage to or leakage from the container.

ADDITIONAL INFORMATION:

Do not store near feed, food, or within the reach of children.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

TLV or suggested control value:

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

VENTILATION:

Use ventilation adequate to maintain safe levels.

This product is intended for dilution with water for use where engineering controls are not necessary. If use conditions are different (e.g. product reformulation or repackaging), use ventilation adequate to maintain safe levels.

EYE PROTECTION:

Eye contact with the material should be avoided through the use of chemical safety glasses, goggles or a faceshield, selected in regard to exposure potential.

BODY PROTECTION:

Skin contact should be prevented through the use of footwear, impervious gloves and long-sleeved clothing. Remove contaminated clothing and wash before rewearing. Wash separately from other laundry.

RESPIRATORY PROTECTION:

If needed, use MSHA/NIOSH approved respirator for pesticides and organic

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solvents.

Other protective equipment:

This product is FIFRA regulated. Refer to product labeling for specific end-use requirements.

Special precautions or other comments:

Follow procedures specified in the National Fire Protection Association codes and standards for handling combustible liquids. Prevent skin and eye contact with this material. Avoid breathing vapors or aerosols.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	:	liquid
Color	:	colorless
Odor	:	petroleum solvent
Boiling point	:	No data.
Vapor Pressure	:	
		at 20 °C
		Method: mmHg
		2.8 x 10 ⁻⁵
Vapour density	:	No data.
		(air = 1)
Specific gravity:	:	
		at 20 °C
		0.8470
Solubility	:	emulsifiable
pH-value (quant.)	:	
(qual.)	:	No data
Volatile by volume:	:	
		No data.

Section 10 – STABILITY AND REACTIVITY

HAZARDOUS REACTIONS (CONDITIONS TO AVOID)

Stability:

Stable under normal conditions.

Incompatibility:

Heat and acidic or alkaline conditions may cause this product to break down. Contact with strong oxidizing agents may produce an explosive mixture.

Hazardous polymerization:

Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion products - Carbon dioxide, carbon monoxide.

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Section 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (LETHAL DOSES)

LD50 Ingestion rat

Dose : > 5000 mg/kg

Additional inform. : Can cause stomach irritation, resulting in nausea, cramping and vomiting.

LD50 Dermal

Dose : > 2000 mg/kg

Additional inform. : Repeated and/or prolonged contact may cause irritation and dermatitis. This material was not a skin sensitizer in animal testing.

LC50 Inhalation rat

Dose : > 7.6 mg/l

Period : 4 hours

Additional inform. : Excessive inhalation can cause nasal and respiratory irritation.

ACUTE TOXICITY (IRRITATION, SENSITIZATION ETC.)

Eye contact

Additional inform. : Can cause temporary irritation, tearing and blurred vision.

GENERAL INFORMATION ABOUT ACUTE OR OTHER TOXICITIES

General information

This description of toxicological properties is based on experimental results and experience with the material.

Other effects of overexposure:

No other adverse clinical effects have been associated with exposure to this material.

Section 12 – ECOLOGICAL INFORMATION

ADDITIONAL INFORMATION ABOUT ECOLOGY

Toxic to fish.

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Section 13 – DISPOSAL CONSIDERATIONS

Disposal Method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute or make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

Section 14 – TRANSPORT INFORMATION

ROAD TRANSPORT DOT

Inform. applies to: NON-BULK:

ROAD TRANSPORT DOT

Not regulated by DOT.

Section 15 – REGULATORY INFORMATION

Other regulations, restrictions and prohibitions

TSCA (Toxic Substances Control Act) Regulations, 40CFR 710:

This product is a pesticide and is exempt from TSCA regulation.

CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

Section 313 Supplier Notification. This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Glycol ethers, not more than 2.10%.

EPA

EPA Registration no.: 10182-433

Section 16 – OTHER INFORMATION

ZENECA Ag Products believes that the information and recommendations contained herein (including data and statements) are accurate as of the date thereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN.

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