

SAFETY DATA SHEET



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AGRO PEST

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Agro Pest

Product Use: Liquid insecticide, used as part of a protection program for plants and crops.

Supplier: AGRO RESEARCH INTERNATIONAL LLC

Address: 29203 State Road 46.

Sorrento, FL 32776

Telephone: 1 407 302 6116

Emergency phone: 1 407 435 9105

E-Mail: marc@agroresearchinternational.com

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	%	CAS #
Thyme oil extract	0 – 13	8007-46-3
Rosemary oil	0 - 10	8000-25-7
Sodium citrate	0 - 3	994-36-5

SECTION 3: HAZARDS IDENTIFICATION

Toxicological risk classification according to WHO: IV product that normally causes no harm.

Potential health effects:

Eyes: May causes eye irritation, ardency, and redness.

Skin: Skin dryness and irritation may appear.

Ingestion: May causes nausea, vomit, and diarrhea.

Inhalation: May causes throat irritation, headache, nausea and in some cases possible drowsiness.

SECTION 4: FIRST AID MEASURES

Eye contact: if you wear contact lenses remove them immediately. Rinse with plenty of water for at least 15 minutes, keeping eyelids open. Seek medical attention if irritation persists.

Skin contact: Immediately wash with water. Remove contaminated clothing and wash before use. Apply after moisturizer cream on the affected area. Seek medical attention if irritation develops.

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Inhalation: if inhaled bring the person immediately to take fresh air. Seek medical attention if discomfort or cough persists.

Ingestion: Give plenty of water, never induce vomiting. Seek medical attention if consumed in large quantities.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability of the product: N/A

Fire Extinguishing: Use media appropriate for surrounding fire as dry powder chemical, carbon dioxide or foam type extinguishers.

General Information: In case of a fire, wear breathing apparatus. Avoid direct contact with the product, product mists and thermal decomposition products, which may produce oxides of carbon and sulfur and other organic substances.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use personal protective equipment recommended. Stop the spill immediately. Pump the product into drums for disposal. Wash the affected area with plenty of water. Do not dump into rivers or lakes, keeping away from drains, surface, and groundwater.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid direct eye contact. Wash thoroughly exposed parts after handling and complies with the recommendations according to good safety procedures.

Storage: Store in a clean and dry place. Store in original sealed containers, in a cool dry area away from heat and light. Do not store with incompatible materials such as strong oxidizing agents, strong acids and alkalis. It must be protected against physical damage and properly labeled.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Engineering:

Provide adequate ventilation. Install emergency showers and eye wash close to storage and handling areas.

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Personal Protection:

Eye Protection: Use safety glasses with side shields when handling large quantities.

Skin Protection: Wear clothing and gloves PVC, latex or nitrile gloves during work. Gloves and protective clothing should be worn when working with a prolonged contact in your pure form.

Respiratory Protection: Ventilation should be adequate if you work for a long time use an approved respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Pale yellow
Odor:	Characteristic to thyme and rosemary. Strong, fresh and herbaceous.
Viscosity:	< 100 cps at 25°C
Boiling point (°C)	N/A
Specific gravity	0.9 at 20°C
Vapor pressure (mm Hg)	N.A.
Density (Water = 1)	0,9 at 20°C
Solubility in water, fats, and organic solvents	Complete
pH	8,0 – 10,5

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: This product is stable under normal storage conditions. It is not polymerized.

Hazardous decomposition products: Excessive heat decomposition can produce carbon and sulfur oxides and other organic substances.

Avoiding conditions: High temperatures or excessive heat.

Incompatibilities: Reactive with strong oxidizing agents, alkalis, and strong acids.

SECTION 11: TOXICOLOGICAL INFORMATION

LD₅₀ (Oral): N/A

LD₅₀ (Dermal): N/A

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Effects of Chronic Exposure:

Carcinogenicity: N/A

Mutagenicity: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute aquatic toxicity: N/A

Persistence and degradability: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with local regulations. In general, it can be removed through the wastewater down the drain or in an approved landfill, as the organic matter of this product is biodegradable.

SECTION 14: TRANSPORT INFORMATION

During charging, transfer, transport, unloading, dissolving, mixing and sampling, it is not dangerous as long as precautions are taken use disclosed herein.

UN Number: N/A

DOT: N/A

Hazard Class: N/A

Packing Group: N/A

Label Required: N/A

SECTION 15: REGULATORY INFORMATION

Any.

SECTION 16: ADICIONAL INFORMATION

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Prepared by Agro Research International LLC

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References:

The information contained in this safety data sheet material was obtained from sources believed to be accurate and reliable from a technical point of view. Despite that they have been deployed all efforts to ensure full disclosure of product hazards, in some cases, no data are available, which is declared. Whereas the conditions under which the product is used in practice are beyond the control of the supplier, it is assumed that users of this material have been fully trained according to the standards of industrial safety of each user. No express or implied warranties are given, and the provider is not liable for losses, injuries or consequential damages that may result from using or reliance on information contained herein.

Abbreviations:

WHO: World Health Organization

LD₅₀: Median Lethal Dose of a substance or radiation that is fatal to half of a group of test animals.

UN number: United nations number. Number that identify hazardous materials.

DOT: Department of transportation.