

SAFETY DATA SHEET

PREPARATION DATE: OCTOBER 1, 1998

REVIEW DATE: MAY 6, 2021

REVISION: 03

SECTION 1 IDENTIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE AND OF THE SUPPLIER OR MANUFACTURER

TRADE NAME: 	PRODUCT DESCRIPTION: Growth regulator Type 1 OTHER DATA: It is a product for plant nutrients and is not a pesticide.	
MANUFACTURER'S NAME: Laboratorios Agroenzymas S. A. de C. V.	In case of emergency, please call Tel. +52 5579786122	
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SECTION 2 HAZARD IDENTIFICATION

CLASSIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE, ACCORDING TO THE GHS.	
Identification of the hazardous chemical or mixture	
Caution pictogram or hazard symbol name	(NO SYMBOL) (Pictogram not applicable) According to the Globally Harmonized System classification
Signal word	ATTENTION
H identification codes and their hazard statement(s)	H303 May be harmful if swallowed (Hazard Category 5). H320 Causes eye irritation (Hazard Category 2B).
P identification codes and their precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IN CASE OF CONTACT WITH EYES: Rinse with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. P312 IN CASE OF INGESTION: Call a POISON CENTER or doctor if you feel unwell. P337 + P313 IF EYE IRRITATION PERSISTS: Get medical advice/attention.

SECTION 3 COMPOSITION / INFORMATION ON COMPONENTS

COMPONENTS		% w/w	CAS	SPECIAL	EPP
Extracts of plant origin containing the following biologically active phytohormones and vitamins		77,80	NA		See Section 8
Cytokinins	81,90 ppm				
Riboflavin	0,86 ppb				
Gibberellins	31,00 ppm				
Nicotinamide	0,16 ppb				
Auxins	30,50 ppm				
Choline	748,81 ppb				
Folic acid	0,92 ppb				
Niacin	84,56 ppb				
Pantothenic acid	12,53 ppb				
Thiamine	100,11 ppb				
Diluents and conditioners q.s.p.c. ** (quantity sufficient to make 1 L of product)		22.20	NA		

CAS = Chemical Abstracts Service

EPP = Personal protective equipment

NA= Not Applicable

SECTION 4 FIRST AID

a) CONTACT WITH EYES AND SKIN: SKIN, wash the affected areas thoroughly with plenty of water and soap. Eyes, rinse with plenty of water for 15 minutes, keeping the eyelids open, seek medical assistance.

b) INGESTION: If the victim is conscious, give them plenty of water to drink and do not induce vomiting. If necessary, seek medical attention.

c) INHALATION: Move the patient to fresh air. Avoid prolonged exposure.

1. INTOXICATION: If necessary, take the patient to the doctor and show this sheet.

2. DATA FOR PHYSICIAN: Symptomatic treatment

3. ANTIDOTE (DOSAGE, IF AVAILABLE): None because the product is not a pesticide; it is only recommended, if necessary, to consult the label of the pesticide used in the mixture.

SECTION 5 FIRE PREVENTION MEASURES

APPROPRIATE EXTINGUISHING MEDIA:

The product **is not flammable**; however, if the product is not directly involved in the fire, use appropriate extinguishing means according to the surrounding materials. If it is directly involved in the fire, dry chemical powder is recommended.

SPECIAL HAZARDS:

Do not transport with food, fodder, or clothing.

HAZARDS OF THERMAL DECOMPOSITION AND DECOMPOSITION PRODUCTS:

Products generated if the product catches fire: water, carbon dioxide, and carbon monoxide.

SPECIFIC METHODS FOR FIRE FIGHTING:

Always attack the fire with the wind, never with your back to the fire.

SPECIAL PROTECTION AGAINST FIRE FIGHTING:

Firefighting safety equipment, full-face respirator, and rubber boots. If the fire has spread over an area of 4m², do not risk your life and let the firefighters handle the fire.

SECTION 6 MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILL OR LEAK

PERSONAL PRECAUTIONS:

For product handling, always use the EPP specified in Section 8.

ENVIRONMENTAL PRECAUTIONS:

Prevent the product from coming into contact with sewer networks.

CLEANING METHODS:

Try to recover most of the product, wash the area with plenty of water. For these activities, consider section 8, as well as the instructions for other products used in the mixture.

SECTION 7 HANDLING AND STORAGE

HANDLING:

Always use the EPP established in Section 8, do not consume food while handling it, and wash your hands properly after handling it.

STORAGE:

Store the product at temperatures below 40°C.

Keep the product in its original tightly closed container in a cool, ventilated place.

Keep the product away from food and medicine.

Any prepared solution or rinse water that cannot be used must be disposed of in accordance with local laws and/or procedures. Follow the same procedure for the containers.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES:

Have eye washing stations or devices available in case of accidental contact, and the area where the product is handled must be ventilated.

PERSONAL PROTECTIVE EQUIPMENT:

EYES: Glasses with side protection.

HANDS: Rubber gloves.

INHALATION: No protection.

OTHER: Rubber boots and long-sleeved clothing.

It is recommended to use it for the preparation of the mixture, loading of the equipment, and application. If any pesticide is used in the mixture, consider its recommendations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	COLOR	GREEN, SLIGHTLY	ODOR	CHARACTERISTIC
LIQUID	GREEN AND CLOUDY			
DENSITY (25°C): 1.0000 – 1.0360 g/ml			pH (direct at 25°C): 4.00 – 5.00	
BOILING POINT at 636 mmHg: 98°C			FLASH POINT: N. A.	
SOLUBILITY IN WATER: COMPLETE			VAPOR PRESSURE: 0.3 lb/pulg ²	
SURFACE TENSION: 34.5 mN/m				

SECTION 10 STABILITY AND REACTIVITY

The product is stable under normal conditions of use.
 Avoid exposure to light and high temperatures.
 Incompatible with acidic and alkaline products.
 The product **is not corrosive**.
 Polymerization is unlikely.
 Products generated if the product ignites: water, carbon dioxide, and carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

FROM ACUTE EXPOSURE

If the product comes into contact with skin and eyes, it may cause mild irritation.
 If ingested, it may cause irritation to the digestive tract.
 If inhaled, it may cause respiratory irritation or headache.

FROM CHRONIC EXPOSURE

Prolonged and repeated skin contact may cause dermatitis.
 Chronic inhalation and ingestion may cause effects like those of acute exposure.

ACUTE ORAL TOXICITY:

Oral LD50 for male rats was >16 000 mg/kg and for female rats >20 000 mg/kg.
 Inhalation LC50 for male and female rats was >3 000 mg/L.

ACUTE SKIN IRRITATION:

In the amount applied to each rabbit of 0,5 mL, no dermal lesions were found, so we can conclude that Agromil V is a mild dermal irritant.

ACUTE EYE IRRITATION:

In the amount applied to each rabbit of 0,10 mL, no corneal lesions were observed, in the iris only moderate irritation (2) occurred in the conjunctival membranes, disappearing after 48 hours.

SECTION 12 ECOTOXICOLOGICAL INFORMATION

Avoid contact with sewage systems.
 It is biodegradable, so it does not contaminate soil, water, or air, nor does it negatively affect terrestrial or aquatic flora and fauna or beneficial insects.

SECTION 13 INFORMATION REGARDING THE DISPOSAL OF PRODUCTS

Triple-rinse containers containing the product used, then pierce them to prevent reuse and dispose of them according to local regulations.
 Unused prepared solution or rinse water must be disposed of in accordance with local laws and/or procedures.

SECTION 14 TRANSPORTATION INFORMATION

Product not regulated by the International Maritime Dangerous Goods (IMDG) Code as it is a non-hazardous material.
Product not regulated by the International Air Transport Association (IATA) and the Department of Transportation (DOT) as it is a non-hazardous material.
By land; Ministry of Communications and Transportation, in the General Cargo category.
Do not transport with food, feed, or clothing.
Consider this product for agricultural use.
Transport at temperatures no higher than 40°C in its original, well-labeled, and closed container.

SECTION 15 REGULATORY INFORMATION

Labeling: NOM-182-SSA1-2010 Plant Nutrient Labeling.
Product Identification: According to NOM-018-STPS-2015.
Hazard Symbols and Identifications: According to NOM-018-STPS-2015.
Risk/Health Phrases: According to NOM-018-STPS-2015, see SECTION 2.

SECTION 16 OTHER INFORMATION INCLUDING INFORMATION RELATING TO THE PREPARATION AND UPDATING OF SAFETY DATA SHEETS

Version 03 **Information provided by Laboratorios Agroenzymas S. A. de C. V.**
 Replaces Version 02 **Review Date 06/05/21**
 Reason for Review: Updated label review and specifications.

The information in this Safety Data Sheet is considered correct but is not exhaustive and is to be used only as a guide, which is based on the current knowledge of the chemical substance or mixture and is applicable to the safety precautions appropriate for the product.