

SAFETY DATA SHEET

PREPARATION DATE: OCTOBER 1, 1998

REVIEW DATE: OCTOBER 21, 2018

VERSION: 01

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

TRADE NAME: 	PRODUCT DESCRIPTION: Co-adjutant, dispersant, penetrant, antifoam.	
MANUFACTURER'S NAME: Laboratorios Agroenzymas S. A. de C. V.	OTHER DATA: It is a product for plant nutrients and is not a pesticide. In case of emergency, please call Tel. +52 5579786122	
ADDRESS: Eje 3 Norte No. 329 Second Section, Xicohténcatl Industrial City, Tetla de la Solidaridad Tlaxcala, Zip Code 90431. Mexico. www.agroenzymas.com	OFFICE e-mail: comunicacion@retenum.com	Tel. 01 (55)-53667050 Fax 01 (55)-53667070
	PLANT e-mail: comunicacion@retenum.com	Tel. 01-241-412-72-63 2-71-07 2-73-97

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	
Signal word	ATTENTION
H identification codes and their hazard statement(s)	H227 Combustible Liquid (Hazard Category 4). H303 May be harmful if swallowed (Hazard Category 5). H316 Causes mild skin irritation (Hazard Category 3). H320 Causes eye irritation (Hazard Category 2B). H335 May cause respiratory irritation (Hazard Category 3).
P identification codes and their precautionary statements	P270 Do not eat, drink, or smoke while handling this product. P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. Wear safety glasses, gloves, and a respirator for organic vapor. P305 + P351 + P338 IN CASE OF CONTACT WITH EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370 + P378 In case of fire: Use a PQS fire extinguisher to spread the fire.

SECTION 3 COMPOSITION / INFORMATION ON COMPONENTS

COMPONENTS	% w/w	CAS	SPECIAL	EPP
Surfactants	30,2	NA		See section 8
Diluents and conditioners	69,8	NA		
TOTAL	100,000			

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. In case of pain, consult a doctor.

b) INGESTION: Do not induce vomiting, drink large amounts of milk, gelatin, and/or egg whites; if this is not possible, drink plenty of water to dilute the material, and seek medical help.

c) INHALATION: Move the patient to fresh air, checking their breathing. If necessary, take the patient to a doctor.

1. POISONING: Take the patient to the doctor and show this sheet.

2. DATA FOR PHYSICIAN: Symptomatic treatment

3. ANTIDOTE (DOSAGE, IF AVAILABLE): None because **AgrexRP®** 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:

Do not store near ignition sources, combustible products.

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.

SECCIÓN 8 CONTROLES DE EXPOSICIÓN / PROTECCIÓN PERSONAL

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: Safety glasses with side shields.

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	LIQUID	COLOR	BLUE	ODOR	CHARACTERISTIC
DENSITY (25°C): 0,9510– 1,0512 g/ml		Direct pH: 4,00 - 5,00			
VAPOR PRESSURE: 96,52X10 ² Pa		FLASH POINT (ASTM D 93-16 CLOSED CUP): > 60.5 °C			
BOILING POINT AT 84,791X10 ³ Pa: 80°C		SURFACE TENSION AT 23°C: 30,4mN/m			
SOLUBILITY IN WATER: TOTAL					

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 Agrex®RP is ingested, it may cause nausea, vomiting, diarrhea, and irritation of the digestive and respiratory tracts. Contact with skin and eyes may cause irritation depending on the exposure time.
FROM CHRONIC EXPOSURE	The effects of chronic exposure can include skin, eye and respiratory tract conditions.
ACUTE TOXICITY	Oral LD50% in female rats is >20 000 mg/kg and in males it is >16 000 mg/kg Dermal LD50% in rabbits is >5 000 mg/kg Inhalation LC50% (4-h LC50%) in males and females is >4 000 mg/L

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

Material classified as **NON-HAZARDOUS** based on the Mexican Official Standard NOM-002-SCT/2011. By land; Ministry of Communications and Transportation, in the General Cargo category. 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 **NON-HAZARDOUS** material. 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

Information provided by LABORATORIOS AGROENZYMAS S. A. de C. V.
Version 01 **Replacement Version 00** **Review Date 21/10/18**
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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.