

Product: ACTYBOL LAMONS

Version: 1

Date: 23.10.03

Revised: D. Monja

Approval: M.D.Tolsá

1.- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: ACTYBOL LAMONS

Identification of the company: LABORATORIOS LAMONS S.A.
Pol. Ind. Mecanova, naves 27-28
25190- Lleida (Spain)

Medical emergency phone: 00.34. 973.21.15.49

Use of the substance/preparation: complementary feed for animal use.

2.- COMPOSITION/INFORMATION ON INGREDIENTS

Description: Sorbitol 24%; Magnesium chloride.6H₂O, 21%; Propylenglycol, 5%; Carnitine chloride (3a), 5%; Iron chloride.6H₂O(E1), 2,4%, Artichoke extract, 0,1%; Rosmarinus extract, 0,1%; Thymus extract, 0,1%; Lactic acid (E270), 0,05%; Sorbic acid (E200), 0,1%; Purified water g.s.

3.- HAZARDS IDENTIFICATION

Very important risk: None.

4.- FIRST-AID MEASURES

General measures: Not necessary.**After skin contact:** Wash skin with plenty of water.**Eye Contact:** Wash skin with plenty of water.**Inhalation:** The inhalation is improbable. It is not volatile product.**Ingestion:** Not induce vomiting, is not necessary.**Note to Physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical conditions of the patient.

5.- FIRE- FIGHTING MEASURES

Extinguishing Media: Water fog or fine spray. Carbon dioxide fire extinguishers. Dry chemical powder. Foam. For mayor fire to use spray water or foam.**Hazardous Combustion Products:** It not has been described.**Specific Fire or Explosion Hazards:** It is improbable.**Special equipment for firemen:** To employ normal equipment for chemical fire. If protective equipment is not available or not used, fight fire from protected location or a safe distance.**Specific methods:** To use standard methods for chemical fire. Keep people away. Isolate fire area and deny unnessessary entry.

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6.- ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate areas.

Environmental Precautions: Contain liquid to prevent contamination of soil, surface water or ground water.

Methods of Cleaning Up: Small spills: Clean up with absorbent material. Collect material in suitable and properly labelled open containers. Dispose of according to applicable regulations, see Section 13 of Disposal Consideration. Large spills: Contain with dike. Pump into suitable and properly labelled containers. Recover if possible, or dispose of according to applicable regulations, see Section 13 of Disposal Consideration.

7.- HANDLING AND STORAGE

Handling: Not precise special measures for handling.

Storage: Keep container tightly closed when not in use. Avoid exposure to UV light as this can adversely affect quality.

8.- EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Not has been described. The product is not volatile product. The ingestion or inhalation is very difficult.

Engineering Controls: Not has been described.

Exposure limits: Not has been described.

Personal Protective Equipment

-Respiratory Protection: Not necessary.

- Skin Protection: Use gloves if the contact is not avoidable.

- Eye/Face Protection: Use lents if the contact is nor avoidable.

9.- PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Colour:	Brown to green
Odour:	None.
Specific gravity:	>1,070 g/ml
Boiling point/range:	> 80 °
Pour Point/range:	< 15 °
PH	2 – 3.
Water solubility:	soluble
Alcohol solubility:	soluble
Solubility in organic solvents:	not soluble

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10.- STABILITY AND REACTIVITY

Chemical stability: Stable under recommended store conditions, see Section 7, Storage. Elevate temperatures and exposure to UV-light can affect quality.

Conditions to Avoid: Product can decompose at elevate temperatures.

Materials to Avoid: Oxidising agents.

Hazardous Polymerisation: Will not occur.

11.- TOXICOLOGICAL INFORMATION

Acute toxicity

- Ingestion: Very low toxicity if swallowed. The oral LD50 for rats is not been described.
- Skin Contact: Not present skin absorption.
- Inhalation: At room temperature, exposure to vapour is unprobable duo to very low volatility.

Irritation

- Skin: Prolonged skin contact can be produce irritation.
- Eyes: May cause eye irritation.
- Inhalation: Irritation has not been described.

Developmental/Reproductive Effects

Did not cause birth defects or any other foetal effects in laboratory animal. In animal studies, did not interfere with reproduction. In animal studies, has been show not interfere with fertility.

Mutagenicity

In vitro mutagenicity studies were negatives for all ingredients of the formulation.

Carcinogenicity

All ingredients of Actybol lamons did not cause cancer in laboratory animals.

Other dates:

Not has been described.

12.- ECOLOGICAL INFORMATION

Mobility and Bioaccumulation Potential

Bioconcentration potential is low. It is soluble in water and insoluble in organic solvents. Potential for mobility in soil is very high.

Degradation:

Material is readily biodegradable >90% (OECD 302B)

Aquatic Toxicity:

CTYBOL IAMONS is not classified as dangerous to aquatic organisms (LC50/EC50/IC50 greater than 100 mg/L in most sensitive specie).

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13.- DISPOSAL CONSIDERATIONS

Disposal

The preferred options are to send to a licenced and permitted: Recycler. Reclaimer. Incinerator. Waste water treatment facility. Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground, or into any body of water.

Contaminated packaging

Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Remove all labels.

14.- TRANSPORT INFORMATION

Special measures for transport is not necessary. The product is non-hazardous for air, sea and road freight.

15.- REGULATORY INFORMATION

EC Classification and User Label Information

This product does not require classification according to the criteria of the Commission of the European Communities.

16.- OTHER INFORMATION

Keep the local and national laws applicable to its products.

This Master Safety Data Sheet complies with basic EU regulatory requirements for Safety Data Sheet on the date of publication, and is intended for translation and adaptation into European National documents. This document should NOT be relied upon for compliance with the laws and regulations of individual countries without the appropriate local translations and adaptations. It is your responsibility to ensure that any Safety Data Sheet taken or adapted from this system for re-distribution or use complies with all the laws and regulations which apply to any such use or re-distribution.