

LBIOTIX 20**Section 1. Identification of the substance / mixture and of the company undertaking**

- 1.1. Identification of Product:** LBIOTIX 20
- 1.2. Use:** For animal feeds.
- 1.3. Company/undertaking identification:**
Company CSA Animal Nutrition, LLC
6640 Poe Avenue, Suite 225, Dayton, OH 45414
Contact Quality Assurance, Telephone: (937) 530-5271

Section 2. Hazards Identification

- 2.1. Classification of the substance or mixture**
This preparation is not classified as hazardous to health by European legislation (and directive 1999/45/CE).
- 2.2. Label elements**
Product not concerned by the SGH regulations on the labelling of dangerous substance.
- 2.3. Others Hazards**
None

Section 3. Composition/information on ingredients

Lactic acid bacteria obtained by fermentation and inactivated by heat treatment., calcium carbonate, processed grain by-products.

The product contains inactivated *Lactobacillus* LB (*L. Fermentum* and *L. Delbrueckii*) as well as components of the culture medium fermentation including peptides, amino acids, carbohydrates carbon and minerals.

Hazardous substances

None

Section 4. First aid measures

- 4.1. Description of first aid measures**
After contact with eyes: wash thoroughly with clean water. If there is any redness, pain or visual impairment, consult an ophthalmologist.
After contact with skin: wash thoroughly with clean water.
After inhalation: move the person away from the place of exposure. If there is irritation consult a doctor.
After ingestion: none
- 4.2. Most important symptoms and effect, both acute and delayed**
None
- 4.3. Immediate medical attention and special treatment needed**
None

Section 5. Fire-fighting measures

- 5.1. Extinguishing media**
Extinguishing media: Water, foam extinguishers or carbon dioxide
Extinguishing media not be use: None
- 5.2. Special hazard**
None
- Advice for fire-fighters***
Protective equipment: None.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with the preparation. Avoid inhalation of dust. Ensure adequate ventilation

6.2. Environmental precautions.

Avoid directly discharge in the sewer (organic pollution).

6.3. Method and material for containment and cleanup

Easily eliminated by simple washing with water. Avoid a rinsing at high pressure. Avoid dust formation.

6.4. References to others sections

Protection: see section 8.

Environment: see section 13.

Section 7. Handling and storage

7.1. Handling

No special measures necessary; Avoid dust formation.

Do not eat, drink, smoking in work areas. Wash hands after each use.

7.2. Storage.

Keep in the original container only, in a dry place at a temperature below 25°C.

7.3. Specific end use

Only for industrial use.

Section 8. Exposure control / personal protection

8.1. Control parameters

Contains no substances with values exposure limits.

8.2. Exposure controls

Technological measures of protection

Collective means of protection to ensure adequate ventilation

Personal protective equipment

Respiratory protection: mask to prevent any inhalation of dust.

Hand protection: water resistant protective gloves.

Eyes protection: safety glasses

Section 9. Physical and chemical properties

9.1. Essentials Physical and chemical properties

Physical state:	Powder color creamy yellow to tan
pH:	information not available
Melting point	information not available
Boiling temperature:	information not available
Flash Point (°C):	not applicable
Evaporation rate:	information not available
Flammability (solid, gas); (°C):	non-combustible
Explosion limit, lower	non explosive
Explosion limit, upper	non explosive
Vapour Pressure (Pa):	information not available
Vapour density (air = 1):	information not available
Relative density (g/cm ³):	0.958
Water solubility:	>200g/l for at least 95% of components
Partition coefficient: n-octanol/water	information not available

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Auto-ignition temperature: information not available
Decomposition temperature: information not available

Viscosity (mPa.s à 20°C) : information not available
Oxidising properties: information not available

9.2. Others information's

Note: product very hygroscopic

Section 10. Stability and reactivity

10.1. Reactivity

In a confined area, in case of fine distribution in suspension in the air, there is a dust explosion possibility.

10.2. Chemical Stability

The preparation is stable under normal conditions of storage and use..

10.3. Hazardous Reactions

None

10.4. Conditions to avoid

Dust formation.

Humidity and high temperatures can affect the specification of the product.

10.5. Incompatible material

None

10.6. Hazardous decomposition products

None

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity: No toxicity in mice and rats with a concentration of 4200mg/kg
Skin and eyes irritation: Information not available
Corrosivity: Information not available
Respiratory sensitization: Information not available
Repeated dose toxicity: Information not available
Carcinogenicity : Information not available
Mutagenicity : Information not available
Toxicity for reproduction: Information not available

Section 12. Ecological information

12.1. Toxicity

Fish, daphnee, algae, bacteria: Information not available

12.2. Persistence and biodegradability

Quickly biodegradable, not harmful to the environment

12.3. Bioaccumulative potential

Not applicable as readily biodegradable.

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB

None

12.6. Others adverse effects

None

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Section 13. Disposal consideration

13.1. Waste treatment methods

Product

Organic product; recycle or discard in accordance with the respective national legislation.

Packaging

Packaging must be disposed of in compliance with the country specific regulations.

Section 14. Transport information

14.1: UN number; 14.2: UN proper shipping name; 14.3: Transport hazard class; 14.4: Packing group; 14.5: Environmental hazards; 14.6: Special precautions for user; 14.7: Transport in bulk.

Not subject to the transport regulation of hazardous material

Section 15. regulatory information

15.1. Safety, health and environmental legislation specific

None

15.2. Chemical safety assessment

None

Section 16. Others information'

Text of the risk phrases

None

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