



# SAFETY DATA SHEET



## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Lactobacillus acidophilus  
**SYNONYMS:** Lactic acid bacteria  
**PRODUCT CODES:**  
**CHEMTREC PHONE:** 1-800-424-5200  
**PRODUCT USE:** Poultry feed additive

**MANUFACTURER:** Nutrition Physiology Company, LLC & Guardian Food Technologies  
4550 West 109th Street, Suite 110  
Overland Park, KS 66211  
217-424-5200

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** Lactic acid bacteria and silica dioxide

## SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Not applicable

**Appearance:** White to Light yellow

**Physical State:** Powder to Granular

**Odor:** Odorless

### POTENTIAL HEALTH EFFECTS

**Principle Route of Exposure:** Not applicable

#### Acute Effects:

**EYES:** This product may have a drying effect on eyes.

**SKIN:** This product may have a drying effect on skin.

**INGESTION:** Not applicable

**INHALATION:** Not applicable

**CHRONIC HEALTH HAZARDS:** Not applicable

**CARCINOGENICITY:** There are no known carcinogenic chemicals of this product.

OSHA: Not Listed

ACGIH: Not listed

NTP: Not listed

IARC: Not listed

OTHER:

## SECTION 4: FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water.

**SKIN:** Wash off immediately with soap and plenty of water.

**INGESTION:** Do not induce vomiting.

**INHALATION:** Supply fresh air.

## SECTION 5: FIRE-FIGHTING MEASURES

Not applicable

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Not applicable

# THE POWER OF PROBIOTICS



# SAFETY DATA SHEET



## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in a cool, dry location

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

|                         |                |                          |                |
|-------------------------|----------------|--------------------------|----------------|
| Ventilation:            | Not applicable | Skin protection:         | Not applicable |
| Respiratory protection: | Not applicable | Work hygienic practices: | Not applicable |
| Eye protection:         | Not applicable |                          |                |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                         |                          |                             |                          |
|-------------------------|--------------------------|-----------------------------|--------------------------|
| Appearance:             | White to Light yellow    | Vapor Density (Air = 1):    | No information available |
| Odor:                   | Odorless                 | Specific Gravity (H2O = 1): | No information available |
| Physical State:         | Dry Powder to Granular   | Evaporation Rate:           | No information available |
| pH :                    | No information available | Solubility in Water:        | No information available |
| Boiling Point:          | No information available | Autoignition:               | No information available |
| Melting/Freezing Point: | No information available | Explosion Limits:           | No information available |
| Vapor Pressure (mmHg):  | No information available |                             |                          |

## SECTION 10: STABILITY AND REACTIVITY

|   |                          |
|---|--------------------------|
| STABILITY:                              | Stable                   |
| CONDITIONS TO AVOID (STABILITY):        | Not applicable           |
| INCOMPATIBILITY (MATERIAL TO AVOID):    | None known               |
| HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: | No information available |
| HAZARDOUS POLYMERIZATION:               | Does not occur           |

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity Product Information

|                  |                          |
|------------------|--------------------------|
| LD50 Oral:       | No information available |
| LD50 Dermal:     | No information available |
| LD50 Inhalation: | No information available |

### Chronic Effect:

Carcinogenicity: There are no known carcinogenic chemicals in this product.

|                       |                          |                        |                          |
|-----------------------|--------------------------|------------------------|--------------------------|
| Subchronic Toxicity:  | No information available | Irritation:            | No information available |
| Corrosivity:          | No information available | Sensitization:         | No information available |
| Neurological Effects: | No information available | Mutagenic Effects:     | No information available |
| Reproductive Effects: | No information available | Developmental Effects: | No information available |
| Teratogenicity:       | No information available | Target Organ Effects:  | No Information available |



# SAFETY DATA SHEET



## SECTION 12: ECOLOGICAL INFORMATION

---

**ECOLOGICAL INFORMATION:** Contains no substances known to be hazardous to the environment.  
Contains no substances known to be not degradable in waste water treatment plants.

Persistence / Degradability: Readily biodegradable

Bioaccumulation / Accumulation: Not applicable

Mobility: This product is soluble in water

## SECTION 13: DISPOSAL CONSIDERATIONS

---

**WASTE DISPOSAL METHOD:** Dispose in compliance with the laws and regulations pertaining to this product in your jurisdiction.

**Contaminated Packaging:** Empty containers should be taken to local recycling, recovery or waste disposal.

## SECTION 14: TRANSPORT INFORMATION

---

**U.S. DEPARTMENT OF TRANSPORTATION:** DOT Not regulated

## SECTION 15: REGULATORY INFORMATION

---

|  |                |
|--|----------------|
| <b>U.S. FEDERAL REGULATIONS:</b>                               | L. acidophilus |
| TSCA (TOXIC SUBSTANCE CONTROL ACT):                            | No             |
| SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): | No             |
| 311/312 HAZARD CATEGORIES:                                     | No             |
| 313 REPORTABLE INGREDIENTS:                                    | No             |

**STATE REGULATIONS:** Proposition 65 chemicals are not expected to be found in this product.

*Lactobacillus acidophilus* is considered GRAS (Generally Recognized As Safe) by the FDA.

## SECTION 16: OTHER INFORMATION

---

**PREPARATION INFORMATION:** Nutrition Physiology Company, LLC

**DISCLAIMER:** The information provided in this SDS is correct to the best of our knowledge, information and belief at the date this was published. The information was based on available information known on the contents and provided by suppliers. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and it is not considered as a warranty or quality specification. The information relates only to the specific contents as designated and may not be valid for such materials used in combination with any other materials unless specified.

End of SDS