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:
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
**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
- Respiratory protection: Not applicable
- Eye protection: Not applicable

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White to Light yellow
**Odor:** Odorless
**Physical State:** Dry Powder to Granular
**pH:** No information available
**Boiling Point:** No information available
**Melting/Freezing Point:** No information available
**Vapor Pressure (mmHg):** No information available
**Vapor Density (Air = 1):** No information available
**Specific Gravity (H2O = 1):** No information available
**Evaporation Rate:** No information available
**Solubility in Water:** No information available
**Autoignition:** No information available
**Explosion Limits:** 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
- Corrosivity: No information available
- Neurological Effects: No information available
- Reproductive Effects: No information available
- Teratogenicity: No information available
- Irritation: No information available
- Sensitization: No information available
- Mutagenic Effects: No information available
- Developmental Effects: No information available
- Target Organ Effects: No Information available

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:  Contains no substances known to be hazardous to the environment.
Persistence / Degradability:  Contains no substances known to be not degradable in waste water treatment plants.
Bioaccumulation / Accumulation:  Readily biodegradable
Mobility:  Not applicable

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

U.S. FEDERAL REGULATIONS:  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 or 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