

Gro2Max Probiotic Formula
Material Safety Data Sheet/Certificate Of Analysis

| COMPOSITION CONSTITUENTS | |
|---------------------------------|------------|
| Rice Bran | 65.0 % w/w |
| Soybean Meal | 34.0% w/w |
| Sodium Chloride | 1.0 % w/w |

| ANALYSIS | |
|-------------------|---------|
| Crude Protein | 25.60 % |
| Moisture | 8.70 % |
| Lipid (Crude Fat) | 2.56 % |
| Crude Fiber | 6.70 % |
| Ash | 12.50 % |

| PROBIOTIC ORGANISMS | |
|--|--------------------------------|
| Bacillus subtilis | 7.0 * 10 ⁶ cfu/gm |
| Lactobacillus acidophilus | 3.0 * 10 ⁶ cfu/gm |
| Pediococcus acidilactici | 2.0 * 10 ⁴ cfu/gm |
| Pediococcus pentosaceus | 2.0 * 10 ⁴ cfu / gm |
| Saccharomyces cerevisiae | 1.0 * 10 ⁶ cfu/gm |
| Quantitative assay for enzymes activity | |
| | Unit/gram(M mole/gram x min) |
| • Cellulase | 42.41 |
| • Xylanase | 15.20 |
| • Amylase | 427.34 |
| • Protease | 1.80 |
| • Beta-Glucanase | 137.17 |
| • Pectinase | 3.14 |
| • Lipase | 1.70 |
| Pathogen Microorganisms | |
| Escherichia coli/g | Negative |
| Salmonella/25 g | Negative |

| HEALTH HAZARDS | |
|-----------------------|---------------------|
| Dangerous contents: | None |
| Dangerous impurities | None |
| Oral Toxicity | LD 50 > 2,000 mg/kg |
| Dermal Toxicity | N/D |
| Inhalation Toxicity | N/D |

| FIRST AID MEASURES | |
|---------------------------|---|
| Ventilation: | Use local ventilation to control dust at its source |
| Respiratory | Approved dust mask (as required) |
| Gloves | Rubber |
| Eye Protection: | Chemical goggles or face shield |
| Other Protection | N/D |

FIRE AND EXPLOSION HAZARD DATA

| | |
|----------------------------------|---|
| Flash Point | N/A |
| Ignition Temperature | N/A |
| Flammable Limits | N/A |
| Special Fire Fighting Procedure: | Full protective clothing and NIOSH-approved self-contained breathing apparatus should be worn. Use water to cool exposed containers |
| Extinguishing Media: | Use Dry Chemical, CO2, or Chemical Foam |

ACCIDENTAL RELEASE MEASURES

Rinse mouth and throat with water if ingested. Wash affected area of skin with soap and remove contaminated clothing. In case of inhalation, remove from area of exposure; if allergic symptoms occur in 0-48 hours, seek medical attention. If eye contact occurs, rinse thoroughly with water. Seek medical attention if irritation occurs.

HANDLING AND STORAGE

Special Precautions: Avoid excessive storage temperatures and direct sunlight. Storage in dry area, keep material dry and container tightly closed. KEEP OUT OF REACH OF CHILDREN.

STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Stability | Stable |
| Polymerization | Will not occur |
| Condition to Avoid | Excessive heat and contamination of any kind |
| Materials to Avoid | None known |
| Hazardous Decomposition Products | No uniquely hazardous decomposition products are expected. If the product is burned, as with any nitrogen containing organic material, oxides or nitrogen, carbon dioxide, and water can be produced. Partial combustion may produce, in addition to the above, soot and various oxides of carbon. |

TOXICITY INFORMATION

| | |
|---------------|-----------------------------|
| Oral Toxicity | LD 50 > 2,000 mg/kg in rats |
| Oral Toxicity | LD 50 > 2,000 mg/kg in fish |

ECOLOGICAL INFORMATION

| | |
|---------------------------|---------------------------|
| Chemical Fate Information | No data found for product |
|---------------------------|---------------------------|