



## MICRO-D

### Technical Specifications and Application Instructions

#### Product Description:

TOMIGUNN MICRO-D poultry litter stabilizer is an all-natural microbial additive that reduces ammonia and other VOCs generated by decaying poultry litter. It helps to re-build essential organic compounds in redundant use litter and aids in alleviating the bioburden. The use of MICRO-D offers numerous benefits for the health of birds inside poultry houses, including better air quality, reduced chance of burned feet and chests from high pH levels, and increased nutrient availability in the poultry manure.

MICRO-D is non-corrosive and completely harmless if birds come in contact with the product or if it is digested by birds.

#### Product Specifications:

Bacillus Mucilaginosus	7.3x10 <sup>7</sup> cfu/g
Bacillus Subtilis	1.28x10 <sup>8</sup> cfu/g
Pseudomonas Fluoresces	9.0x10 <sup>7</sup> cfu/g
Azobacter Chroococcum	1.0x10 <sup>9</sup> cfu/g
Paenibacillus Polymyxa	5.0x10 <sup>9</sup> cfu/g

Appearance:	Fine tan powder
Solubility:	100% in water (some powder may remain in Suspension)
Bulk Density:	1.7 mL / gram or 26.08 fluid oz / Lb

#### Benefits:

1. Reduces ammonia volatilization.
2. Helps keep more of the nitrogen (N) in the poultry litter.
3. Improves air quality in poultry houses.
4. Prevents pH spikes that burn bird feet and chests.
5. Holds dust to the litter.
6. Helps birds resist disease.

**Directions for Use:****COMMERCIAL USE:**

**Chicken Houses:** Coverage: 1 oz per 1,000 sq ft or 1 oz per 1,000 birds, whichever is greater. Application: Mix 1 oz to one (1) gallon of water in an agricultural sprayer. Apply to floor area prior to pulverizing or windrow.

**Turkey Houses:** Coverage: 1.5 oz per 1,000 sq ft or 1,000 per birds, whichever is greater. Application: Mix 1 oz to one (1) gallon of water in an agricultural sprayer. Apply to floor area prior to pulverizing or windrow.

**BACKYARD USE:**

Mix 1 teaspoon in one (1) gallon of water. Apply using garden sprayer. Coat the litter floors, walls, and bedding. Coat the outside penned-in area. Recommended application every three weeks.

**Storage:**

Store between 40 F and 85 F in a dark place protected from direct sunlight or high heat. Do not allow moisture to come in contact with product that is not being used. If clumping exists, break into useable chunks. The product is still useable and will mix readily with water. Between uses: close the zip lock seal on the pouch completely and then squeeze all excess air out through one way valve to avoid clumping. Do not inhale. Use only as directed.

**NOP Compliant:**

MICRO-D is compliant with the national organic program of the USDA. Bonafide purchasers can receive a copy of the National Organic Program support documentation upon request.

**Warranty:**

This product is guaranteed to be free of defects of manufacture, production, quality assurance, or other faults, for a period of one year after the date of purchase. If the product is found to be defective, then please return it to the distributor where this product was purchased for a replacement. This guarantee is void where prohibited and/or if this product has not been stored in accordance with instructions listed herein. Due to the many factors that affect litter performance, Nous Holdings Inc cannot guarantee the effectiveness of this product in use. Any and all warranties of this nature are expressly denied.

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