



**Safety Data Sheet**  
**Issue 6/2007**

**AVIGUARD®**

1.	<p><b><u>Identification of the substance / preparation and the company</u></b></p> <p><b><u>Aviguard</u></b> Microbial Developments Limited, Spring Lane North, Malvern Link, Worcestershire. WR14 1BU Tel: (01684) 891055</p>
2.	<p><b><u>Composition / information on ingredients</u></b></p> <p>Freeze dried partially characterized micro-organisms derived from healthy Specific Pathogen Free (SPF) chicken intestinal viable bacteria.</p> <p>Carrier is food grade maltodextrin</p>
3.	<p><b><u>Hazards identification</u></b></p> <p>Hazard warning not required.</p>
4.	<p><b><u>First-aid measures</u></b></p> <p>After contact with skin, wash immediately with plenty of water and soap. After eye contact, rinse with plenty of water immediately. For ingestion of dust, rinse mouth out with copious amounts of water. Ingestion of liquid is unlikely. However if it does occur rinse out mouth, then drink copious amounts of water. Vomiting may occur. No specific treatment is necessary since this material is expected to be non-hazardous.</p>
5.	<p><b><u>Fire-fighting measures</u></b></p> <p>Extinguishing media: sprayed water jet, foam, dry powder, CO<sub>2</sub>. Fight fire in early stages if safe to do so. Wear respiratory protection equipment.</p> <p><u>Well ventilated areas</u> - Full face mask with a suitable filter combination of a type approved by the HSE.</p> <p><u>Enclosed premises</u> - Respirator with independent air supply. Contain firefighting water.</p>
6.	<p><b><u>Accidental release measures</u></b></p> <p>Wear face mask with dust filter. Sweep up into a container and wipe up with a cloth dampened with disinfectant which should also be placed in the container. Seal the container. Wash cleaned area with disinfectant.</p>
7.	<p><b><u>Handling and storage</u></b></p> <p>Store in a refrigerator at +2 to +8°C when not in transit. Keep out of direct sunlight, protect from raised temperature and humidity.</p>
8.	<p><b><u>Exposure controls / Personal protection</u></b></p> <p>In all cases a laboratory coat or coveralls should be worn.</p> <p><u>Powder</u>: Persons with known respiratory disorders (e.g. Asthma) should avoid inhalation of the powder. Wear a dust mask and impermeable gloves.</p> <p><u>In Liquid Form</u>: Ingestion of liquid should be avoided. Wear a suitable mask (aerosol) and impermeable gloves.</p> <p><u>As a Spray</u>: Avoid ingestion and inhalation of aerosols. Wear a suitable mask (aerosol) and gloves. In addition a waterproof outer garment is recommended.</p>
9.	<p><b><u>Physical and chemical properties</u></b></p> <p>Form: fine powder Colour: white Odour: distinctive Boiling point: not applicable Flash point: not available Solubility in water: 100% dispersible Density: 550g/litre pH value: 6.8 (10g/100ml at 20°C)</p>



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<b>10.</b>	<p><b><u>Stability and reactivity</u></b> Decomposition temperature: &gt;250°C formation of carbon monoxide possible.</p>
<b>11.</b>	<p><b><u>Toxicological information</u></b> Normal healthy chicken gut flora (SPF). No toxic effect in the rat at 2000mg/kg.</p>
<b>12.</b>	<p><b><u>Ecological information</u></b> Normal chicken gut flora (SPF). Low environmental impact.</p>
<b>13.</b>	<p><b><u>Disposal considerations</u></b> Disposal of Waste: <u>Powder</u> - Large quantities of unused product should be disposed of by autoclaving or by incineration. <u>Liquid</u> - All unused product should be treated with an approved disinfectant before disposal to foul drain.  <u>Container Disposal</u> - Wash out with disinfectant and dispose with normal farm waste.</p>
<b>14.</b>	<p><b><u>Transport information</u></b> GGVSee/IMDG Code: -- UN No: -- MFAG: -- EmS: -- PG: -- MPO: -- GGVE/GGVS Class: -- No: -- RID/ADR: Class -- No. -- Warning sign: Hazard no. ---- Substance no. ---- ADNR: Class -- No. -- Cat -- ICAO/IATA-DGR: -- Declaration for land shipment: -- Declaration for sea shipment: -- Declaration for shipment by air: -- Other information: Not dangerous cargo. Keep separate from foodstuffs.</p>
<b>15.</b>	<p><b><u>Regulatory information</u></b> No labelling is required for this material by the Chemicals (Hazard Information and Packaging for Supply) Amendment Regulations 2002 (CHIP 3) and corresponding EEC directives.</p>
<b>16.</b>	<p><b><u>Other information</u></b> Competitive Exclusion product for Chickens/Turkeys. This Health and Safety Data Sheet is supplied by the Company to a third party in order to fulfil its obligation under UK legislation. The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the products properties. Address in case of emergency:  Microbial Developments Limited Spring Lane North Malvern Link Worcestershire WR14 1BU Tel: +44 (0) 1684 891055 Fax: +44 (0) 1684 891060</p>

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