

**AIR-O-PAK****IDENTITY (As Used on Label and List)**

AIR-O-PAK (Powder) in PVA water soluble packet (8 oz.)

Date Prepared – 04/29/05

Person Preparing Document – David Lawler

**Section 1****Manufacturer's name**

Roebic Technology, Inc.

**Address (Number, Street, City, State, and ZIP Code)**25 Connair Road, PO Box 927  
Orange, CT 06477**Emergency Telephone Number**

1-203-795-1283

**Telephone Number for Information**

1-203-795-1283

**Section 2 - Hazardous Ingredients / Identity Information****Hazardous Components (Specific Chemical Identity; Common Name(s)):**

<b><u>INGREDIENTS</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>PERCENT</u></b>
Viable Bacteria (non-pathogenic <u>Bacillus</u> and non-pathogenic Pseudomonas strains on wheat bran base	116469-86-4	98%
Polyvinyl alcohol (film)		2%

**Section 3 - Physical / Chemical Characteristics****Boiling Point** – N/A**Vapor Pressure (mm Hg.)** – N/A**Vapor Density (AIR = 1)** - N/A**Solubility in Water** – 90% viable bacteria on wheat bran carrier.**Specific Gravity (H2O = 1)** – 1.2**Melting Point** – N/A**Evaporation Rate (Butyl Acetate = 1)** - N/A**Appearance & Odor** – Tan powder, earthy odor in clear  
PVA water soluble packet**Section 4 - Fire & Explosion Hazard Data****Flash Point Method Used** – N/A**Extinguishing Media** – N/A**Special Fire Fighting Procedures** - Water, CO<sub>2</sub>, dry chemical**Unusual Fire & Explosion Hazards** - None**Flammable Limits** - LEL UEL - N/A**Section 5 - Reactivity Data****Stability** – Stable under normal conditions.**Incompatibility (Materials to Avoid):**

Strong acids or alkali may kill bacteria.

**Hazardous Polymerization** – None**Conditions to Avoid** – Store below 90° F.**Hazardous Decomposition of By-products** - None

**AIR-O-PAK****Section 6 - Health Hazard Data**

**Route(s) of Entry:** Inhalation? Yes Skin? Yes Ingestion? Yes

**Health Hazards (Acute & Chronic):**

**Chronic** – Prolonged or repeated exposure may cause allergic dermatitis.

**Acute** - Skin Contact: Possible infection of open wounds.

**Section 6 – Health Hazard Data (continued)**

Eye Contact: Irritation possible from dust.

Ingestion: Little or no effect in small amounts.

**Carcinogenicity:** NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

**Signs & Systems of Exposure:**

Dermal: Redness, Other signs of topical infection

Eyes: Redness, Itching, Other signs of infection

**Medical Conditions Generally Aggravated by Exposure** – Asthma, Lung disease may be aggravated by dust.

**Emergency & First Aid Procedures:**

Skin Contact: Wash with soap and water (Bacteria are susceptible to several antibiotics).

Eye Contact: Flush with plenty of water, contact physician (Bacteria are susceptible to many antibiotics).

**Section 7 - Precautions for Safe Handling & Use**

**Steps to be taken in case material is released or spilled:**

Wear nuisance respirator while sweeping up powder. Avoid skin and eye contact. Wash skin and clothes with soap and water.

**Waste Disposal Method:**

Dispose in accordance with all state, local, and Federal laws.

**Precautions to be taken in handling and storing:**

Wash hands thoroughly with soap and water after use. Avoid contact with eyes.

**Other Precautions:**

None other than those listed in Section 8. Use good hygiene practices when handling live organisms.

**Section 8 - Control Measures**

**Respiratory Protection (Specify Type):** Normal Room Ventilation

**Ventilation: Local Exhaust?** Yes

**Mechanical (General)?** None

**Special?** No

**Other?** None

**Eye Protection:** Use protective glasses to avoid contact.

**Work / Hygienic Practices:** Avoid creation of dust.

**Protective Gloves:** If prolonged exposure is anticipated.

**Other Protective Clothing or Equipment:** As mentioned in Section 7.