

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 – Reviewed - 6/26/08

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)):**

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>
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, CO₂, 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.

