

**MATERIAL SAFETY DATA SHEET****SECTION I PRODUCT IDENTIFICATION**

**PRODUCT NAME:** WilkeWhey Powder  
**PRODUCT USE:** Bioremediation  
**SUPPLIER:** JRW Bioremediation, LLC  
 14321 W. 96<sup>th</sup> Terrace  
 Lenexa, KS 66215  
 913-438-5544  
**EMERGENCY TELEPHONE:** 800-779-5545 x 116 (Mon-Fri 9am-5pm CST)  
 913-961-6644 (afterhours)  
**DATE PREPARED:** 06-30-2011

**SECTION II COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS #	% by Weight
Whey	92129-90-3	95%
Water	7732-18-5	5%

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

**Boiling point:** Not applicable  
**Vapor pressure (Mg Hg):** Not applicable  
**Vapor density (air = 1):** Not applicable  
**Freezing point:** 0°C  
**Density:** Approx. 775 g/l  
**Solubility in water:** Soluble  
**Appearance and odor:** Off-white powder with odor characteristic of milk  
**Specific gravity (H<sub>2</sub>O = 1):** Not determined  
**Melting point:** Not determined  
**Evaporation rate:** Not determined  
**pH:** Not determined  
**Molecular Weight:** Not determined  
**Physical State:** Solid

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**Flash point:** Not less than 250 °C  
**Auto Ignition:** Not determined  
**Fire Point:** Not determined  
**Flammable limits:** Not determined  
**LEL/UEL:** Not determined  
**Extinguishing media:** Water, carbon dioxide, dry chemical, or foam.  
**Special Fire Fighting procedures:** Wear self-contained breathing apparatus.  
**Unusual Fire Fighting hazards:** Airborne dusts may burn explosively when oxygen and ignition sources are present. Move container from fire area if can do so without risk. Use water spray to keep fire-exposed container cool.

**SECTION V REACTIVITY DATA**

Stability: Unstable  Stable

Conditions to avoid: Excessive heat, air, moisture

Incompatibility (materials to avoid): None known

Hazardous decomposition or byproducts: None

Hazardous polymerization: May Occur  Will Not Occur

**SECTION VI HEALTH HAZARD DATA** Based on concentration as sold

## Route/s of Entry:

Inhalation: Inhalation of dust may cause mild irritation of respiratory system. Move to fresh air.

Skin contact: Contact with skin may cause mild irritation. Wash with soap and water.

Eye contact: In case of contact with eyes, flush eyes with water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get medical attention if necessary.

Ingestion: Do not provoke vomiting. Get medical attention if necessary.

Health hazards (acute and chronic): No evidence of adverse effect from available information.

Carcinogenicity: Not determined.

Signs and symptoms of exposure: Not determined.

Medical conditions aggravated by exposure: Respiratory ailments may be aggravated by dust (allergen). May cause irritation or allergy symptoms in individuals who are lactose intolerant and may experience some discomfort and some digestive problems associated with these conditions: acuteness of discomfort or problems varies with each individual. May cause irritation or allergy symptoms in individuals with milk allergies.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled: Minimize airborne generation of powder/dust and use proper ventilation. Sweep or shovel up and place material in drum for disposal. Dispose of according to all local, state, and federal regulations at an approved waste treatment facility.

Precautions to be taken in handling and storage: Keep in properly labeled containers. Avoid excessive heat and ignition sources. Store in a cool storage (20°C/68°F) with a relative humidity of less than 50%. Avoid storing near strong smelling products.

Other precautions: No special environmental precautions required.

**SECTION VIII CONTROL MEASURES**

Respiratory protection (specify type): Dust mask recommended. Local exhaust recommended.

Protective gloves: PVC or rubber recommended.

Eye protection: Safety glasses recommended.

Other protective clothing or equipment: As recommended by the Good Manufacturing Practices of the user.

<b>SECTION IX</b>	<b>DOT INFORMATION</b>
DOT hazard class:	Not Applicable
Labeling:	Not Applicable
Proper Shipping Name:	WilkeWheyù Powder
NMFC#:	67460.02
Class	50