



# Safety Data Sheet

## Biofeed EXPO™

Number: SDS-011  
Revision: 7

### SECTION 1: PRODUCT AND COMPANY INFORMATION

<b>Manufacturer</b>	Biofeed Solutions, Inc., PO Box 3434, Glendale, AZ 85311		
<b>Telephone</b>	623-930-7510	<b>Fax</b>	623-930-8598
<b>Product Name(s)</b>	Biofeed Expo™	<b>Product ID #</b>	Not Applicable
<b>Chemical Family</b>	Fertilizer/Plant Nutrient	<b>CAS Number</b>	Mixture
<b>Emergency Contact / Number</b>	623-930-7510		

### SECTION 2: HAZARD IDENTIFICATION

**Hazards** Not classified  
**Signal Word** Not Applicable  
**Precautionary Statements** Not Applicable

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance:

Material does not meet the criteria of a substance.

#### Mixture of substances listed below:

	CAS#	EC#	Component Range
Total Nitrogen	—	—	8.0% – 9.0%
Urea Nitrogen	57-13-6	200-315-5	—
Phosphoric Acid	7664-38-2	616-646-7	16.0% - 17.0%
Potassium Hydroxide	1310-58-3	215-181-3	4.0% - 5.0%
Organic matter and other plant beneficial materials	—	—	49.0% – 69.0%

### SECTION 4: FIRST AID MEASURES

#### Eye Contact

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

#### Skin Contact

Wash exposed area with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation and persists. Wash clothing before reuse. Discard items which cannot be decontaminated such as shoes, belts or watchbands.

#### Ingestion

Do not induce vomiting due to possibility of aspiration into lungs. Drink one quart/liter of water to dilute. Seek medical advice or attention if you feel unwell.

#### Inhalation

Remove affected person from source of exposure. Get medical attention if discomfort persists.

### SECTION 5: FIREFIGHTING MEASURES

#### Suitable Extinguishing Media

Product does not burn. Use water spray, dry chemical, foam or CO<sub>2</sub> as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.

#### Special Firefighting Procedures

Not Applicable

#### Unusual Firefighting Hazards

Not Applicable

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

See Section 8 for Personal Protection Measures

**Personal Precautions**

Isolate release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure.

**Environmental Precautions**

No special requirements.

**Methods for Cleaning Up**

Product is biodegradable. Spills can be washed away with water. Large spills, if uncontaminated, can be returned to container for subsequent use.

**SECTION 7: HANDLING AND STORAGE**

See Section 8 for Personal Protection Measures

**Handling**

No special precautions are required. Wash hands at end of shift or before eating or using restroom. Wear gloves to avoid prolonged or repeated contact. Use good hygiene practices when handling product, including changing and laundering work clothes after use.

**Storage**

Keep products in labeled or original container. Store at 50 – 105 °F / 10 – 40 °C. Product may degrade when held at temperatures above 195 °F / 90 °C. Do not transfer into food or drink containers.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

**Exposure Limits**

Component Name	ACGIH TLV-TWA	OSHA PEL-TWA
Not Applicable		

**Engineering Controls**

Typically not necessary.

**Eye and Face Protection**

Not required. Wear glasses or goggles as a safety measure when working with material; use a face shield if splashing is likely.

**Skin Protection**

Not required. Wear gloves or other protective clothing to avoid prolonged or repeated contact.

**Respiratory Protection**

Not required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State</b>	Brown liquid	<b>Flash Point</b>	Not Applicable
<b>Specific Gravity (Water=1)</b>	1.3 (10.5 lbs/gal)	<b>Upper Flammability Limits</b>	Not Applicable
<b>Evaporation Rate</b>	Not Determined	<b>Lower Flammability Limits</b>	Not Applicable
<b>pH</b>	7.0 – 8.0	<b>Auto-ignition Temperature</b>	Not Applicable
<b>Solubility in Water</b>	Soluble	<b>Decomposition Temperature</b>	Not Determined
<b>Odor</b>	Sweet humus	<b>Vapor Pressure</b>	9 m-bar
<b>Odor Threshold</b>	Not Determined	<b>Vapor Density (Air=1)</b>	Not Determined
<b>Melting/Freezing Point</b>	19 °F / -7 °C	<b>Partition Coefficient (n-octanol/water)</b>	Not Determined
<b>Boiling Range</b>	Not Applicable	<b>Viscosity (cSt , 40 °C)</b>	Not Determined
<b>Initial Boiling Point</b>	220 °F / 105 °C	<b>Critical Temperature</b>	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

**SECTION 10: STABILITY AND REACTIVITY**

**Stability**

Stable

**Conditions to Avoid**

High temperature

**Hazardous Decomposition / Byproducts**

None known

**Hazardous Polymerization**

Will not occur

**Polymerization Conditions to Avoid**

Not Applicable

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Eye Contact**

May cause redness or mild irritation.

**Skin Contact**

None

**Ingestion**

Potential for mild diarrhea or discomfort if over 0.5 oz/10 ml of concentrate ingested.

**Inhalation**

Not Applicable

**Target Organ Effects**

None known

**Chronic Effects**

Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.

**Carcinogenicity**

Not Applicable

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Not Applicable

**Mobility** Not Determined

**Degradability** Not Determined

**Bioaccumulation** Not Determined

**SECTION 13: DISPOSAL CONSIDERATION**

Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

Empty containers may contain residues.

**SECTION 14: TRANSPORT INFORMATION**

**Proper Shipping Name** Not Regulated

**SECTION 15: REGULATORY INFORMATION**

**TSCA Status**  
**SARA 311/312 Reporting Categories**

All ingredients are listed on TSCA and DSL.  
None



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**SECTION 16: OTHER INFORMATION**

**HMIS Rating**                    0-0-0

**Department Issuing SDS**    Health and Safety

**Condition of Sale:**

The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow label directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.