



PO BOX 440  
PENN YAN, NY 14527

PHONE: (315) 536-3311  
FAX: (315) 536-6740  
WEB: THEBIRKETTMILLS.COM

## PRODUCT SPECIFICATIONS

### WHOLE / AA BUCKWHEAT FLOUR

**Brand Name:** The Birkett Mills, Pocono, various  
**Product Name:** Whole Buckwheat Flour (Conventional/Organic)  
**General Description:** A food grade product produced by mechanical harvesting, cleaning, dehulling, and grinding buckwheat grain. Packed in 50#bags.

#### Typical Analysis

**Properties:**      **Appearance:** Off white, black speckled flour, medium-fine grind  
                          **Odor:** Minimal odor, free of rancid or any off odors  
                          **Flavor:** Semi-strong, hearty flavor  
                          **Kosher:** Yes OU  
                          **Organic:** NOFA-NY, USDA certified  
                          **Ingredients:** Buckwheat

<b>Analysis:</b>	<u>Nutritional Content Per 100 Grams</u>			
	Moisture (g)	12.0	+/-	2.0
	Protein (g, DB)	12.0	+/-	2.0
	Fat (g, DB)	2.5	+/-	0.4
	Ash (g, DB)	1.8	+/-	0.2
	Crude Fiber (g, DB)	6.0	+/-	0.5
	Total Dietary Fiber (g, DB)	13.0	+/-	1.5
	Soluble Dietary Fiber (g, DB)1.0	+/-	0.25	

<b>Physical:</b>	Test Weight (11b/cu ft)	29.0	+/-	4.0
<b>Particle Size:</b>	On US #30 (%)	0.0		
	On US #40 (%)	0.0		
	On US #60 (%)	0.0-4.0		
	On US #80 (%)	56.0-60.0		
	On US #100 (%)	0.0-1.0		
	(thru #100) (%)	40.0-44.0		

**Foreign Matter:** minimal

**Chemical Contamination:** None detectable at a detection level of 1.0 ppb (including mycotoxins and all synthesized chemicals).

<b>Micro Count:</b>	Aflatoxin:	<5 ppb
	(sum of B1, B2, G1, and G2)	
	Mold & Yeast	<10,000/gram
	E. Coli:	Negative*
	Coliform:	<180/gram
	Salmonella:	Negative*

\* Not detectable (<1.0ppb)

<b>Nutrition Facts</b>	
Serving Size 1/4 cup (30g)	
Servings Per Container 37	
Amount Per Serving	
<b>Calories</b>	<b>100</b>
% Daily Value*	
<b>Total Fat</b> 1g	<b>2%</b>
Trans Fat 0g	
<b>Sodium</b> 0mg	<b>0%</b>
<b>Potassium</b> 180mg	<b>5%</b>
<b>Total Carbohydrate</b> 22g	<b>7%</b>
Dietary Fiber 3g	<b>12%</b>
Other	
Carbohydrate 19g	
<b>Protein</b> 4g	
Iron	<b>6%</b>
Thiamine	<b>10%</b>
Riboflavin	<b>4%</b>
Niacin	<b>10%</b>
Not a significant source of calories from saturated fat, cholesterol, sugars, vitamin A, vitamin C, and calcium.	
* Percent Daily Values are based on a 2,000 calorie diet.	



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## Material Safety Data Sheet

Product Name: **Whole Buckwheat Flour**  
Chemical Name: n/a  
CAS Number: none

Hazardous Ingredients: none known

Hazardous Information:

Carcinogenic: not listed  
LD50: n/a  
TLV: n/a  
OSHA PEL: n/a

### Physical Data

Boiling Point:	n/a	Appearance:	Fine, creamy white powder
Melting Point	n/a	Vapor Pressure:	n/a
Lbs. per Cu. Ft.:	36	Vapor Density:	n/a
Solubility in Water:	n/a	Evaporation rate:	n/a

### Fire and Explosion Data

Extinguishing Media: Water, spray, CO<sub>2</sub>, Dry Chemical  
Unusual Fire and Explosion Hazards: Airborne Dust is sufficient  
Concentrations when confined  
Exposed to a sufficient ignition, source can explode

Explosibility Index:	n/a	Ignition Sensitivity:	2.1
Explosion Severity:	n/a	Ignition Temperature:	aprox. 380°C cloud or layer

### Reactivity Data

Stability:	Stable	Hazardous Decomposition/Byproducts:	n/a
Incompatibility (materials to avoid):	n/a	Byproducts:	n/a
Conditions to avoid:		Hazardous Polymerization:	n/a

Open flames, sparks, ignition sources

### Spill, Leak, and Disposal Data

Steps to be taken if material is released or spilled: Sweep or scoop up and remove. Flush with water.  
Waste disposal method: According to federal, state, and local regulations.

## Health Hazard Data

Toxicity:	N/A	Corrosivity:	N/A
ACGIH:	None established	Carcinogenicity:	None
OSHA:	None established	Lung Effects:	N/A
Irritation:	Mild skin/eye if at all	Sensitization:	Allergen in some cases

## First Aid Procedures

Ingestion:	N/A
Dermal:	Flush with soap and water, if allergic.
Eye Contact:	Flush with water for 15 minutes, get medical attention if allergic, or if irritation persists.
Inhalation:	Remove to fresh air, if allergic.

## Special Protection Information

Ventilation:	Local Exhaust: If dust is a problem.	Respiratory:	NIOSH approved Dust mask for nuisance particulates if needed.
Mechanical:	N/A	Protective Gloves:	N/A
Special:	N/A		
Eye Protection:	Goggles as needed.		

## Special Handling

Precautionary Labeling: None required.

Other Handling and Storage Conditions: Store in cool, dry space. No welding inside bulk bins that contain flour -- must be free of flour.

The information and data contained herein is based upon facts considered to be correct as of the date hereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. The Birkett Mills makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for the reliance thereon.



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TO: Whom It May Concern

FROM: Cliff Orr, The Birkett Mills

SUBJECT: **Certificate of Origin**

The following products are processed by The Birkett Mills in Penn Yan NY, North America:

All Buckwheat Products



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TO: Whom It May Concern:

FROM: Cliff Orr, The Birkett Mills

SUBJECT: **Kosher Certification – Buckwheat Products**

To ensure our current Kosher certifications, you can access all current OU Kosher Certifications online at <http://oukosher.org> .

- 1) Click on “Product Search” (at left)
- 2) At search prompt, type name of product



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TO: Whom It May Concern:  
FROM: Cliff Orr, The Birkett Mills  
SUBJECT: **Letter of Guaranty**

The articles comprising each shipment or other delivery hereafter made by the undersigned guarantor to or on the order of ---The Birkett Mills--- hereinafter referred to as "Company", are hereby guaranteed under the following laws to the extent then effective and applicable on the date of such shipment or deliver, to be:

- a) Not adulterated or misbranded within the meaning of the federal Food, Drug, and Cosmetic Act (21 USC Section 310 et Seq.); and not an article which may not under the provisions of Section 404 (21 USC Section 344) or 505 (21 USC Section 355) on Section 512 (21 USC Section 512 (21 USC Section 306b) of said Act be introduced into interstate commerce; and comprised only of color additives certified in accordance with the applicable regulations promulgated under said Act, then such certification is lawfully required.
- b) Not adulterated or misbranded within the meaning of any applicable state law or municipal ordinance in which the definitions of adulteration or misbranding are identical or substantially similar to those in the Federal Act.

By the acceptance of the Guaranty, the said Company, its divisions or subsidiaries, agrees to notify the undersigned in writing within a reasonable time of any violation of any of the above-mentioned laws which comes to the attention of said Company.

This is a continuing guarantee subject to revocation by the undersigned Guarantor on thirty (30) days written notice.

The Birkett Mills  
Guarantor

Cliff Orr  
Vice President

## ALLERGEN STATEMENT

**Supplier Name:**

The Birkett Mills

**Ingredient Name:**

All Buckwheat Products

Allergen	Present in product formula	Present on the same manufacturing line	Tested In house	Comments
PEANUTS OR ITS DERIVATIVES (including peanut proteins and peanut oil, mandelonas [flavored peanuts])	No	No	No	
TREE NUTS (Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Coconut, Filbert/Hazelnut, Ginko nut, Hickory nut, Lichee nut, Macadamia/Bush nut, Pecan, Pine nut/ Pinon nut, Pili nut, Pistachio, Sheanut, Walnut) OR ITS DERIVATIVES	No	No	No	
MILK OR ITS DERIVATIVES (whey, caseinate, etc.)	No	No	No	
EGGS OR ITS DERIVATIVES	No	No	No	
SOYBEANS OR ITS DERIVATIVES* (including soy lecithin)	No	No	Yes	<10 ppm
WHEAT, TRITICALE, SPELT, DURUM, KAMUT AND EMMER OR ITS DERIVATIVES	No	No	No	
FISH OR ITS DERIVATIVES	No	No	No	
CRUSTACEAN SHELLFISH (crab, crayfish, lobster, shrimp) OR ITS DERIVATIVES	No	No	No	
SESAME SEEDS OR ITS DERIVATIVES	No	No	No	
LUPIN OR ITS DERIVATIVES	No	No	No	
CELERY OR ITS DERIVATIVES	No	No	No	
MUSTARD OR ITS DERIVATIVES	No	No	No	
MOLLUSCAN SHELLFISH (snails, clams, mussels, oysters, cockle, scallops) OR ITS DERIVATIVES	No	No	No	
SULFITES AND SULFUR DIOXIDE (if yes, provide PPM amount in comment column)	No	No	No	
GLUTEN SOURCES	No	No	Yes	Gluten tested <20ppm



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FROM: Cliff Orr, The Birkett Mills

SUBJECT: **Genetically Modified Organisms – Buckwheat**

To our knowledge, none of our buckwheat products are produced using genetically modified materials.