

# LESAFFRE YEAST CORPORATION



**Product Description:** A dough conditioner that helps in the machinability of the dough and improves the volume of the finished products.

**Advantages:**

- Clean label dough conditioner
- Gives strength to the dough
- Improves the volume of end product
- Gives the final product a richer color
- Produces a thinner and crustier outer crust
- Improves gas retention within the dough

**Directions:** Add directly to the flour at 0.25 - 0.3% of the total flour weight

Example: 4.0 -4.8 oz. IBIS™ Silver for 100 lbs. of flour.

**Applications:** Artisan breads – no-time dough applications, specialty breads

**Ingredients:** Wheat flour, ascorbic acid, enzymes

**Pack:** 22.05 lbs. (10 kg)  
48 boxes/pallet

**Product Code:** 27350

**Kosher:** Kosher Pareve

**Shelf Life:**

Unopened	2 years
Opened	3 months

12/06

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7475 West Main St Milwaukee, WI 53214

# INGREDIENT INFORMATION

## NUTRIENT CONTENTS

Product Name: IBIS™ Silver

Product Code: 27350

Company: Lesaffre Yeast Corporation

Address: 7475 West Main St Milwaukee, WI 53214

Phone: (414)-615-4085 Fax: (414)-615-4003

Contact Person: Robert E. Biwersi - Director, Quality Assurance

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### Information provided on a per 100g 'as is' basis.

Calories: 380-390

Moisture: 3-5 g

Protein: 9-11 g

Ash: 0.5-1.0 g

Carbohydrates: 80-85 g

♦ *Complex*: 76-81 g

♦ *Sugars*: 4-6 g

Vitamin A: < 100 µg RE

Vitamin C: 1500-3000 mg

Thiamin: 0.2-0.4 mg

Niacin: 2-3 mg NE

Riboflavin: < 0.3 mg

Fat: 1.58-1.65 g

♦ *Saturated*: 0.40-0.42 g

♦ *Unsaturated*: 1.08-1.20 g

♦ *Monounsaturated*: 0.18-0.20 g

♦ *Polyunsaturated*: 0.9-1.0 g

♦ *Trans Fatty Acids*: 0 g

Cholesterol: < 1 mg

Dietary Fiber: 3-5 g

♦ *Soluble*: g

♦ *Insoluble*: g

Iron: 1-2 mg

Calcium: 40-60 mg

Sodium: 2-8 mg

Potassium: 211-265 mg

Phosphorus: mg

g= gram, mg= milligram, µg = microgram, RE = Retinol Equivalent, NE = Niacin Equivalent and IU= International Units.

**Ingredient Statement:** Wheat flour, ascorbic acid, enzymes

09/08

# LESAFFRE YEAST CORPORATION

## ALLERGEN & SENSITIVE COMPONENTS

<b>Product Name: IBIS™ SILVER</b>				
<b>Product Number: 27350</b>				
ALLERGEN & SENSITIVE COMPONENT	PRESENT IN PRODUCT		PRESENT ON SAME LINE	
	YES	NO	YES	NO
<b>MILK PRODUCTS</b> (butter, casein, cheese, whey, nougat, malted milk, sour cream, yogurt, etc.)		X		X
<b>EGG PRODUCTS</b> (mayonnaise, meringue, ovalbumin, etc.)		X		X
<b>FISH</b> any type		X		X
<b>SHELL FISH</b> (crustaceans, mollusks, shrimp, crab, lobster, oyster, clam, scallop, crayfish, etc.)		X		X
<b>TREE NUTS</b> (almond, cashew, hazelnut, macadamia, pecan, pine, pistachio, walnut, etc.)		X		X
<b>WHEAT PRODUCTS</b> (bran, bread crumbs, cracker meal, farina, graham flour, wheat germ, gluten etc.)	X		X	
PEANUTS		X		X
<b>SOYBEAN PRODUCTS</b> (tofu, miso, soy-derived vegetable protein, etc.)		X	X	
BARLEY PRODUCTS		X		X
BHA, BHT		X		X
CELERY (root, leaves, stalk)		X		X
CHOCOLATE PRODUCTS		X		X
FD&C COLORS (Yellow #5, etc.)		X		X
HYDROLYZED ANIMAL PROTEIN		X		X
HYDROLYZED PLANT PROTEIN		X		X
3-MCPD ( MONOCHLOROPROPYLDIOL )		X		X
MEAT & MEAT DERIVATIVES (beef, pork)		X		X
MONOSODIUM GLUTAMATE		X		X
OAT PRODUCTS		X		X
RYE PRODUCTS		X		X
SEEDS (cottonseed, poppy, sesame, sunflower, etc.)		X		X
SULFITES		X		X

Allergens present in our products are always labeled.

Allergen control programs are in place when allergens are present on the same line. The programs include specific cleaning instructions and verification of the cleaning process.

Ingredients sold by Lesaffre Yeast Corporation are labeled with “Contains (allergen)”

Robert Biwersi  
Director, Quality Assurance

January 10, 2008

**MATERIAL SAFETY DATA SHEET  
LESAFFRE YEAST CORPORATION  
MILWAUKEE, WISCONSIN**

<b>IDENTITY</b> (As used on Label and List) <b>IBIS™ SILVER</b>	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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**Section I - General Information**

<b>Manufacturer's Name</b> LESAFFRE YEAST CORPORATION	<b>Emergency Phone Number</b> 800-424-9300
<b>Address (Number, Street, City, State, and ZIP Code)</b> 7475 West Main St Milwaukee, WI 53214	<b>Telephone Number for Information</b> 414-615-4085
<b>Date Prepared:</b> Dec 2006	

**Section II - Hazard Ingredients/Identity Information**

Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s) OSHA PEL ACGIH TLV Recommended % (Optional)
<b>No ingredients present at a level requiring disclosure under the Chemicals (Hazard Information &amp; Packaging) Regulations (CHIP).</b>

**Section III - Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water: N/A			
Appearance and Odor: <b>Off-white powder, slight odor of acetic acid.</b>			

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used): <b>Product is combustible but does not constitute a particular fire hazard. If concentrations of dust form, there is a risk of explosion. Under certain conditions dust clouds can ignite.</b>	Flammable Limits	LEL	UEL
Extinguishing Media: <b>Suitable fire extinguishing media: water, foam, dry chemical, carbon dioxide.</b>			
Special Fire Fighting Procedures: <b>Protection against fire and dust explosions: Good housekeeping to avoid the accumulation of dust. High concentrations of dust are potentially explosive. Avoid ignition sources.</b>			
Unusual Fire and Explosion Hazards:			

**Material Safety Data Sheet**  
**IBIS™ Silver**  
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**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid <b>None known</b>
	Stable		<b>The material is stable under normal conditions of use.</b>
Incompatibility (Materials to Avoid): <b>None known</b>			
Hazardous Decomposition or By-products: <b>None known</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur		

**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Health Hazards (Acute and Chronic): Inhalation: <b>Allergies of the respiratory system may occur. Repeated exposure may cause sensitivity. Irritation of the respiratory system may occur.</b>			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure:			
Medical Conditions Generally Aggravated by Exposure:			
Emergency and First Aid Procedures: <b>Inhalation:</b> Remove from exposure into fresh air. If symptoms of irritation or sensitivity occur (shortness of breath, wheezing or labored coughing), seek medical attention. <b>Ingestion:</b> N/A; <b>Skin Contact:</b> wash off with soapy water. If skin irritation develops, seek medical advice. <b>Eye Contact:</b> Rinse immediately with plenty of water. If irritation develops, seek medical advice.			

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled: <b>Cleanup by dustless means, for instance, by vacuum equipment with a high efficiency filter. Avoid brushing, sweeping or air hoses.</b>
Waste Disposal Method: <b>Product is believed not to be dangerous to the environment so no special disposal method is required. However, the method of disposal should be in accordance with current local authority regulations.</b>
Precautions to be taken in Handling and Storing: <b>Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Avoid unnecessary breathing in of dust. Reduce exposure to dust.</b>
Other Precautions:

**Section VIII - Control Measures**

Respiratory Protection (Specify Type): <b>Respirator with P3 filter.</b>		
Ventilation: <b>In accordance with LEV requirements as defined in COSHH 1989 legislation.</b>	Local Exhaust	Special
	Mechanical (General)	Other
Protective Gloves:	Eye Protection: <b>Safety goggles as required.</b>	
Other Protective Clothing or Equipment: <b>Standard protective clothing (including gloves) and appropriate skin protection if required.</b>		
Work/Hygienic Practices: <b>Use vacuum cleaners for general cleaning. When shovels have to be used for larger volumes, respiratory protective equipment should be worn. Sweeping should be avoided.</b>		