

LESAFFRE YEAST CORPORATION



Product Code 27650
Product Information Sheet

GENERAL DESCRIPTION

IBIS™ Blue is a dough conditioner that is especially designed for frozen dough and pre-proofed laminated frozen dough. IBIS™ Blue will help to strengthen the dough, improve machinability, improve gas retention within the dough, improve volume and structure and produce a thin and crispy outer crust.

INGREDIENT STATEMENT

Wheat flour, DATEM, ascorbic acid, enzymes

APPLICATIONS

All frozen dough and pre-proofed croissants and Danish.

DIRECTIONS FOR USE

Add directly to flour at 1% of the total flour weight. Example at 1%: 1 lb. IBIS™ Blue for 100 lbs. of flour.

CHEMICAL ANALYSIS

Dry Matter	95.5 +/- 0.5%
Protein	6.5 +/- 0.5%
Ash	2.0 +/- 0.25%

MICROBIOLOGICAL ANALYSIS

Salmonella	Negative
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STORAGE

Store in cool, dry conditions. Product will keep two years unopened, three months opened.

PACKAGING

22.05 lbs. (10kg)
48 boxes/pallet

LOT NUMBER STRUCTURE

Example: 0906
Batch 9041

0906= Mfg. Month = Sept. 2006
9041 = Batch Number

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

12/06

INGREDIENT INFORMATION

NUTRIENT CONTENTS

Product Name: IBIS™ Blue

Product Code: 27650

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

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

Calories: 475-500

Moisture: 4-5 g

Protein: 6-7 g

Ash: 1.75-2.25 g

Carbohydrates: 60-68 g

♦ *Complex*: 59-67 g

♦ *Sugars*: 0.5-1.0 g

Vitamin A: < 100 µg RE

Vitamin C: 11000-13000 mg

Thiamin: <0.2 mg

Niacin: <0.2 mg NE

Riboflavin: mg

Fat: 21-25 g

♦ *Saturated*: 4-5 g

♦ *Unsaturated*: 17-20 g

♦ *Monounsaturated*: g

♦ *Polyunsaturated*: g

♦ *Trans Fatty Acids* < .2 g

Cholesterol: < 1 mg

Dietary Fiber: 7-8 g

♦ *Soluble*: g

♦ *Insoluble*: g

Iron: 4.5-5.5 mg

Calcium: 170-190 mg

Sodium: 18-20 mg

Potassium: mg

Phosphorus: mg

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

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

05/11

LESAFFRE YEAST CORPORATION

ALLERGEN & SENSITIVE COMPONENTS

Product Name: IBIS™ BLUE				
Product Number: 27650				
ALLERGEN & SENSITIVE COMPONENT	PRESENT IN PRODUCT		PRESENT ON SAME LINE	
	YES	NO	YES	NO
MILK PRODUCTS (butter, casein, cheese, whey, nougat, malted milk, sour cream, yogurt, etc.)		X		X
EGG PRODUCTS (mayonnaise, meringue, ovalbumin, etc.)		X		X
FISH any type		X		X
SHELL FISH (crustaceans, mollusks, shrimp, crab, lobster, oyster, clam, scallop, crayfish, etc.)		X		X
TREE NUTS (almond, cashew, hazelnut, macadamia, pecan, pine, pistachio, walnut, etc.)		X		X
WHEAT PRODUCTS (bran, bread crumbs, cracker meal, farina, graham flour, wheat germ, gluten etc.)	X		X	
PEANUTS		X		X
SOYBEAN PRODUCTS (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**

IDENTITY (As used on Label and List) IBIS™ Blue	<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

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

Section II - Hazard Ingredients/Identity Information

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

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ 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: Off-white powder, slight odor of acetic acid.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 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.	Flammable Limits	LEL	UEL
Extinguishing Media: Suitable fire extinguishing media: water, foam, dry chemical, carbon dioxide.			
Special Fire Fighting Procedures: Protection against fire and dust explosions: Good housekeeping to avoid the accumulation of dust. High concentrations of dust are potentially explosive. Avoid ignition sources.			
Unusual Fire and Explosion Hazards:			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid None known
	Stable		The material is stable under normal conditions of use.
Incompatibility (Materials to Avoid): None known			
Hazardous Decomposition or By-products: None known			
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: Allergies of the respiratory system may occur. Repeated exposure may cause sensitivity. Irritation of the respiratory system may occur.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure:			
Medical Conditions Generally Aggravated by Exposure:			
Emergency and First Aid Procedures: Inhalation: Remove from exposure into fresh air. If symptoms of irritation or sensitivity occur (shortness of breath, wheezing or labored coughing), seek medical attention. Ingestion: N/A; Skin Contact: wash off with soapy water. If skin irritation develops, seek medical advice. Eye Contact: 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: Cleanup by dustless means, for instance, by vacuum equipment with a high efficiency filter. Avoid brushing, sweeping or air hoses.
Waste Disposal Method: 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.
Precautions to be taken in Handling and Storing: 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.
Other Precautions:

Section VIII - Control Measures

Respiratory Protection (Specify Type): Respirator with P3 filter.		
Ventilation: In accordance with LEV requirements as defined in COSHH 1989 legislation.	Local Exhaust	Special
	Mechanical (General)	Other
Protective Gloves:	Eye Protection: Safety goggles as required.	
Other Protective Clothing or Equipment: Standard protective clothing (including gloves) and appropriate skin protection if required.		
Work/Hygienic Practices: 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.		