

LESAFFRE YEAST CORPORATION

SAF PRO® RELAX RS 190 TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

SAF Pro® Relax RS 190 is a deactivated yeast with high reducing power and imparts minimal yeast flavor.

REGULATORY:

All materials shall be of edible grade, clean, sound wholesome and free from extraneous matter. Product shall be prepared following Good Manufacturing Practices and shall comply with the Federal Food, Drug and Cosmetic Act of 1938, as amended and with regulations issues pursuant to this act.

INGREDIENT STATEMENT:

Yeast

ANALYTICAL STANDARDS:

Parameter	Specifications	Test Method Reference
Moisture	1-6%	AOAC CH.27.8.04.960.18
Dry Matter	94-99%	AOAC CH.27.8.04.960.18
Protein (N x 6.25)	45.0-65.0	AACC 46-10

PHYSICAL STANDARDS:

Parameter	Specification	Test Method Reference
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MICROBIOLOGICAL STANDARDS:

Parameter	Specification	Test Method Reference
Total Plate Count	<2000 cfu/gm	BAM CH 3
Coliform (Petri-film)	<10 cfu/gm	BAM CH4, AOAC 991.14
E. coli (Petri-film)	<10cfu/gm	BAM CH4, AOAC 991.14
Salmonella	Negative (1500gm)	BAM CH 6
Yeast	<10 cfu/gm	BAM CH18
Mold	<10 cfu/gm	BAM CH18

PACKAGING INFORMATION:

Packaging: Multiwall bag

Recyclable Material: Yes

Item Number	Units per Bag	Case Dimensions			Cubic Feet
		Height	Length	Width	
27150	1- 25kg	32 ½"	16 ½"	5 ½"	1.7

PALLET INFORMATION:

Item Number	Pallet Configuration	Pallet Dimensions			Cubic Feet
		Ti/Hi	Height	Length	
27150	5/8	60	48	40	66.6

7475 West Main St Milwaukee, WI 53214

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STORAGE CONDITIONS:

Cool (<25°C) dry place.

SHELF LIFE: 12 months unopened in original packaging; 3 months opened product. The recommended shelf life for the opened product is 3months. To retain the maximum performance of the product, please make sure opened bags are closed properly**LOT CODING:**Year and Julian date based lot code indicates date of manufacture. Example: 9031 Where 9 = 2009, 031 = 31st day = Jan 31**DIRECTIONS:**

Add directly to the flour at 0.1-0.3% of the Total flour weight. Example: 1.6 to 5 oz. of SAF Pro®Relax RS 190 per 100 lbs. of flour.

USAGE:

SAF Pro® Relax RS 190 is recommended for various baked goods including: Laminated Dough, Baguettes, Puff Pastries, Bread/Rolls, Mixes, Melba Toast, Pita Bread, Pizza Crust

FEATURES:**BENEFITS:**

1. Reduces tearing and shrinkage when molding or sheeting dough.
2. Improves the machinability of the dough.
3. Shortens the dough mix time.
4. Enhances the final appearance of the end product.
5. Improves crumb structure.
6. Imparts no off-flavors or aroma to the final product.

REGULATORY & FACILITY INFORMATION

KOSHER	Certified Kosher Pareve by Organized Kashrus Labs (Circle K). Electronic kosher certificates can be accessed at www.digitalKosher.com . Digital Kosher K-ID - 27150= BCZ-GCPW
HALAL	ISA, Islamic Services of America
GMPs	Manufactured using Food GMPs
ISO	
HACCP	HACCP plan in place
GRAS STATUS	Sec. 172.896 Dried yeasts.
BIO-TERRORISM	Facilities are registered with the FDA and are in compliance with FDA Guidelines relating to Food Security.
GMO / ORGANIC STATEMENT	Non-GMO following EEC regulations. Contains no GMO enzymes, have not been solvent-extracted, synthetically preserved or irradiated. Contain no artificial flavors or colors. There was no sewer sludge, petrochemical substrate, or sulfite waste liquor involved with any step of production. These products comply with NOP regulation 205.605(a)(20) and with 7 CFR 205.301(b&c)
VEGETARIAN STATUS	Acceptable for "Vegan" diets.
BSE	No animal products used in manufacturing process or raw materials.
PRESERVATIVES	No preservatives present in product
GLUTEN	Gluten Free
COUNTRY OF ORIGIN	USA
IMPORT/EXPORT TARIFF CODE	2102.20 2000
THIRD PARTY AUDITS	AIB, Steritech

Rev. 3, 11-18-09

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LESAFFRE YEAST CORPORATION

NUTRIENT INFORMATION

PRODUCT NAME	SAF Pro[®] Relax RS 190
PRODUCT CODE	27150
COMPANY	Lesaffre Yeast Corporation
ADDRESS	7475 West Main St Milwaukee, WI 53214
PHONE / FAX	414-615-4085 / 414-615-4003
CONTACT	Robert Biwersi – Director, Quality Assurance

TYPICAL ANALYSIS

Per 100g “As Is”

Calories	375-395	kcal		Fat	4-6	g
Moisture	2-6	g		Saturated	1-2	g
Protein	45-60	g		Unsaturated	3-5	g
Ash	4-6	g		Monounsaturated	3-5	g
Carbohydrates	30-38	g		Polyunsaturated	0	g
Complex	30-38	g		Trans Fatty Acids	0	g
Sugars	Not Tested	g		Cholesterol	0	mg
Dietary Fiber	22-26	g		Iron	40-50	mg
Soluble	4-7	g		Calcium	165-185	mg
Insoluble	18-22	g		Sodium	440-480	mg
Vitamin A	0	ug RE		Potassium	1800-2200	mg
Vitamin C	0	mg		Phosphorus	2200-2600	mg

Ingredient Statement: Yeast

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LESAFFRE YEAST CORPORATION

ALLERGEN & SENSITIVE COMPONENTS

PRODUCT NAME	SAF Pro® Relax RS 190			
PRODUCT CODE	27150			
ALLERGEN & SENSITIVE COMPONENT	PRESENT IN PROD		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

Robert Biwersi
Director, Quality Assurance
8/09

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

IDENTITY (As used on Label and List) SAF Pro[®] Relax RS 190	<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: Aug 2009

Section II - Hazard Ingredients/Identity Information

Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (Optional)
No known hazardous ingredients present. All ingredients are food grade.

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: Soluble			
Appearance and Odor: Off white powder, no off odors.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL	UEL
Extinguishing Media: Any media suitable for the supporting fire.			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None			

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Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid):			
Hazardous Decomposition or Byproducts:			
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):			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure:			
Medical Conditions Generally Aggravated by Exposure:			
Emergency and First Aid Procedures:			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Clean up spill and discard product.
Waste Disposal Method: Sweep up and dispose of in landfill
Precautions to Be Taken in Handling and Storing: Store at room temperature in a dry area.
Other Precautions:

Section VIII - Control Measures

Respiratory Protection (Specify Type):		
Ventilation:	Local Exhaust NA	Special
	Mechanical (General) NA	Other
Protective Gloves: NA	Eye Protection: Safety Glasses Suggested	
Other Protective Clothing or Equipment: NA		
Work/Hygienic Practices: Use Good Personal Hygiene and Good Housekeeping.		

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