



PRODUCT INFORMATION	
DESCRIPTION	Lynside® Nutri is whole yeast used as a food, fermentation nutrient or dietary ingredient. This yeast is produced with a specially selected strain of <i>Saccharomyces cerevisiae</i> . The yeast is grown under carefully controlled conditions and then dried on drum dryers.
FEATURES	Primary grown yeast
INGREDIENTS	Dried yeast
SUBSTRATE	Sugar syrup, molasses
MANUFACTURING PROCESS	Fermentation, drying, grinding and packaging.
COUNTRY OF ORIGIN	United States
PACKAGING	Corrugated box with poly liner, plastic liner tie & tamper evident tape
RECYCLABLE MATERIALS	Corrugated box, poly liner & plastic tie
PACK SIZE & GRIND	Item # 75570 - 50 lb Box – 16 MKS (Mini Flake) UPC 1 00 17929 75570 3 Item # 75571 - 50 lb Box – 18 MKS (Custom Flake) UPC 1 00 17929 75571 0 Item # 75700 - 50 lb Box – 1/2 MKS (Large Flake) UPC 1 00 17929 75700 4
IMPORT/EXPORT TARIFF CODE	2102.20 2000
BATCH DESIGNATION	Liquid tank prior to dryer
LOT NUMBER STRUCTURE	Julian Mfg Date (EX 8025, where 8 = 2008, 025 = 25 th day = Jan 25)
STORAGE CONDITIONS	Ambient (<70 F), < 70% RH
SHELF LIFE	24 Months

REGULATORY & FACILITY INFORMATION	
KOSHER	Kosher Pareve – Organized Kashrus Labs
HALAL	Islamic Service of America
GMP	Manufactured using Food GMPs
ISO	No
HACCP	Yes
FDA STATUS	Food, Supplement Ingredient
BIO-TERRORISM	Facility in compliance with all FDA bio-terrorism requirements
GMO / ORGANIC	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.
BSE	No animal products used in manufacturing process or raw materials
VEGETARIAN	Vegan
PRESERVATIVES	None
STERILIZATION	Heat only, no ethylene oxide or irradiation
MASTER FILE	Not required
THIRD PARY AUDITS	AIB (American Institute of Baking), BRC (British Retail Consortium)

[7475 West Main Street Milwaukee, WI 53214](http://www.lesaffre.com)

APPROXIMATE ANALYSIS (Essential Amino Acids Underlined)					
VITAMINS	ug/g	MINERALS	ug/g	AMINO ACIDS	mg/g
Biotin	1	Calcium	700	Alanine	35
Choline	4000	Chromium	<0.5	Arginine	25
Folic Acid	< 1	Copper	8	Aspartic Acid	57
Inositol	4800	Iron	48	<u>Cystine</u>	5
Niacin	850	Lithium	4	Glutamic Acid	92
Panthenic Acid	2200	Magnesium	1300	Glycine	25
Pyridoxine (B ₆)	600	Manganese	6	<u>Histidine</u>	12
Riboflavin (B ₂)	3	Molybdenum	4	<u>Isoleucine</u>	25
Thiamin (B ₁)	130	Nickel	2	<u>Leucine</u>	38
Cobalamin (B ₁₂)	<1.0	Phosphorus	10900	<u>Lysine</u>	45
		Potassium	20000	<u>Methionine</u>	9
		Selenium	1.4	<u>Phenylalanine</u>	22
		Sodium	320	Proline	21
		Tin	0.8	Serine	28
		Zinc	197	<u>Threonine</u>	28
				<u>Tryptophan</u>	5
				<u>Tyrosine</u>	19
				<u>Valine</u>	30

PRODUCT SPECIFICATIONS			
PARAMETER	SPECIFICATION RANGE	TYPICAL ANALYSIS	METHOD
MOISTURE	<6%	3-4%	AOAC
PROTEIN	48-60%	48-60%	AOAC
TPC	2000 CFU/g Max	<10 – 100 CFU/g	BAM
COLIFORM	<10 cfu/gm Max.	0	Coliform by Rapid'E.coli2 AOAC Performance Certificate No. 050601
E. COLI	Negative	0	Coliform by Rapid'E.coli2 AOAC Performance Certificate No. 050601
SALMONELLA	Neg / 1500/g (Class I)	Neg / 1500/g (Class I)	AOAC OMA 2001.09/BAM CH 5

NUTRITIONAL INFORMATION



PRODUCT CODES	75570, 75571, 75700
COMPANY	Lesaffre Human Care
ADDRESS	7475 West Main St. Milwaukee, WI 53214
PHONE	414-615-4085 / 414-615-4003
CONTACT	Robert Biwersi – Director, Quality Assurance & Regulatory Affairs

TYPICAL ANALYSIS

Per 100g “As Is”

Calories	385	kcal	Fat	5	g
Moisture	4	g	Saturated	1-2	g
Protein	52	g	Unsaturated	2-4	g
Ash	6-8	g	Monounsaturated	2-4	g
Carbohydrates	33	g	Polyunsaturated	<1	g
Complex Sugars	33	g	Trans Fatty Acids	0	g
Dietary Fiber	<1	g	Cholesterol	0	mg
Soluble	20-24	g	Iron	4-7	mg
Insoluble	4-8	g	Calcium	65-75	mg
Vitamin A	16-22	g	Sodium	30-34	mg
	<10	ug RE	Potassium	1800-2200	mg
Vitamin C	0	mg	Phosphorous	1000-1200	mg
Thiamin	10-16	mg	Pyridoxine	50-70	mg
Niacin	70-100	mg NE	Folic Acid	< 1	mg
Riboflavin	0.1-0.5	mg	Vitamin B12	< 1	ucg

ALLERGEN & SENSITIVE COMPONENTS

PRODUCT NAME	LYNSIDE® Nutri			
PRODUCT CODES	75570, 75571, 75700			
ALLERGEN & SENSITIVE COMPONENT	PRESENT IN PROD		PRESENT ON SAME LINE	
	YES	NO	YES	NO
CEREALS CONTAINING GLUTEN (Wheat, rye, barley , oats, spelt, kamult or their hybridized strains) and products thereof)		X	X	
CRUSTACEANS and product thereof		X		X
EGGS and products thereof		X		X
FISH and products thereof		X		X
PEANUTS and products thereof		X		X
SOYBEAN and products thereof		X		X
MILK and products thereof		X		X
NUTS: almond, hazelnut, walnut, cashew, pecan, brazil, pistachio, macadamia, and Queensland and product thereof		X		X
CELERY and products thereof		X		X
LUPIN and products thereof		X		X
MOLLUSCS and products thereof		X		X
MUSTARD and products thereof		X		X
SESAME SEEDS and products thereof		X		X
SULPHUR DIOXIDE & SULPHITES at concentrations of more than 10 mg/kg or 10 mg/liter expressed as SO ₂		X		X

Gluten: From Barley Malt Extract. It is stored separately from other ingredients. Each container is marked with “Allergen” tags. Manufacture of product containing gluten (Gustal) is as the last product to be produced prior to the department being shut down for wet cleaning.

MATERIAL SAFETY DATA SHEET
LESAFFRE HUMAN CARE
MILWAUKEE, WISCONSIN

IDENTITY <i>(As used on Label and List)</i> LYNSIDE® Nutri	<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 RED STAR YEAST CO., LLC	Emergency Phone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 7475 West Main Street Milwaukee, WI 53214	Telephone Number for Information (414) 615-4085
Date Prepared Oct 2012	

Section II - Hazard Ingredients/Identity Information

Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (Optional)	Other
OSHA PEL ACGIH TLV	
None. Product is dried, primary grown bakes yeast with added vitamins. This is a food product.	

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	0.6
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: Slight			
Appearance and Odor: Tan, yeasty			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Unknown	Flammable Limits	Unknown	LEL	UEL
Extinguishing Media: CO₂ or water				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: Dust should be controlled.				

Material Safety Data Sheet

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Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable		
Incompatibility (Materials to Avoid): N/A			
Hazardous Decomposition or Byproducts: N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	N/A	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? X	Skin?	Ingestion? X
Health Hazards (Acute and Chronic): NONE			
Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure: N/A			
Medical Conditions Generally Aggravated by Exposure: N/A			
Emergency and First Aid Procedures: Excessive dust to be avoided if person is asthmatic.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Normal cleanup
Waste Disposal Method: Follow state and local laws. Product is food.
Precautions to Be Taken in Handling and Storing: Keep in cool, dry area.
Other Precautions: Avoid dust.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Face mask if dust is excessive.		
Ventilation: Yes	Local Exhaust X	Special
	Mechanical (General) X	Other
Protective Gloves: Suggested	Eye Protection: Suggested	
Other Protective Clothing or Equipment: None		
Work/Hygienic Practices: Clean, dry cloths		