

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	An eight digit lot code format LMMDDYYL is used to identify the production line, production date and the production sequence. Lot A070114B indicates: First Letter “A”= item was manufactured on production line A First – Sixth Digits = month, date and year, e.g. July 01,2014 Second Letter = “B” would indicate this is the second product produced on production line A.
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	Certified GMO Free by Green Star. Non-GMO following EEC regulations. Contains no GMO enzymes, has 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 PARTY AUDITS	BRC (British Retail Consortium)

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
Panathenic 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

07/14

The information herein is true and accurate to the best of our knowledge; however, this data sheet is not to be considered as a guarantee expressed or implied, or as a condition of sale of this product.

NUTRITIONAL INFORMATION



PRODUCT CODES	75570, 75571, 75700
COMPANY	Lesaffre Human Care
ADDRESS	7475 West Main St. Milwaukee, WI 53214

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
Vitamin C	<10	ug RE	Potassium	1800-2200	mg
Thiamin	0	mg	Phosphorous	1000-1200	mg
Niacin	10-16	mg	Pyridoxine	50-70	mg
Riboflavin	70-100	mg NE	Folic Acid	< 1	mg
	0.1-0.5	mg	Vitamin B12	< 1	ucg

07/14

The information herein is true and accurate to the best of our knowledge; however, this data sheet is not to be considered as a guarantee expressed or implied, or as a condition of sale of this product.

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.

SAFETY DATA SHEET

SECTION 1: Identification			
Product Name: Lyside Nutri Product codes: 75570, 75571, 75700	Manufacturer: Red Star Yeast Co., LLC 7475 West Main St Milwaukee, WI 53214 414-615-4085 Emergency Phone: 800-424-9300		
Lyside Nutri is inactive yeast produced from a strain of <i>Saccharomyces cerevisiae</i> used as a food or fermentation ingredient.			
SECTION 2: Hazard(s) Identification			
Health Hazard - None			
Yeast has been found to be a sensitizing agent in some individuals due to high protein levels. Not allergenic.			
SECTION 3: Composition / Information on Ingredients			
Ingredients	CAS#	% by Weight	
Yeast (<i>S. cerevisiae</i>)	8013-01-2	100%	
SECTION 4: First Aid Measures			
Eye Contact: Flush eyes with clear water for 15 minutes			
Inhalation: Remove person to area of fresh area			
SECTION 5: Fire-Fighting Measures			
Flash Point	Solid	Extinguishing Material	CO ₂ , Water or Foam
Flammable Limits	NA	Hazard. Combustion Prods	None
Explosion - Mechanical	None	Explosion - Static	High Dust Levels
Firefighting Hazards	Material may become slippery when wet		
SECTION 6: Accidental Release Measures			
Spilled yeast powder can be cleaned up by vacuum or sweeping and disposed of in landfill. Wet cleaning can used to remove fine dust with, liquid waste to sewer.			
SECTION 7: Handling and Storage			
Handling: Avoid breathing dust. Avoid contact with skin and clothing. Keep out of eyes			
Storage: Store in original packaging or in clean covered container. Store in cool, dry conditions. Do not leave open bags exposed.			
SECTION 8: Exposure Controls / Personal Protection			
Respiratory Protection: Wear general purpose nuisance dust mask when handling			
Eye Protection: Wear safety goggles to avoid eye contact			
Clothing: No special requirements related to safety of product			
Engineering Controls: Dust collection equipment if excessive dust in area			

SAFETY DATA SHEET

SECTION 9: Physical and Chemical Properties			
Appearance	Light Tan Powder	Explosion Limits	Not Applicable
Vapor Pressure	Not Applicable	Vapor Density	Not Applicable
pH	4.5-6.5 (10% Solution)	Relative Density	0.4-0.7 g/ ml
Melting Point	Not Applicable	Freezing Point	Not Applicable
Solubility	Slightly	Boiling Point	Not Applicable
Flash Point	Not Applicable	Evaporation Rate	Not Applicable
Odor	Yeast	Viscosity	Not Applicable
Partition Coefficient	Not Applicable	Auto-ignition Temp	Not Applicable
Decomposition Temp.	Not Applicable		
SECTION 10: Stability and Reactivity			
Reactivity	Non-reactive		
Chemical Stability	Stable under normal conditions of use		
Other	None		
SECTION 11: Toxicological Information			
Material is Generally Recognized as Safe (21 CFR)			
Long Term Exposure	No effects known		
Short Term Exposure	No effects known		
Sensitization	Possible sensitizing agent due to high protein content		
Allergen	Not a know allergen		
Carcinogenicity	Not Listed as carcinogenic by NTP or IARC		
Reproductive Toxicity	None		
SECTION 12: Ecological Information (non-mandatory)			
No environmental effect			
SECTION 13: Disposal Considerations (non-mandatory)			
Product can be disposed of in landfill or to sanitary sewer discharge in accordance with local regulations			
SECTION 14: Transport Information (non-mandatory)			
Shipping Classification	Not Hazardous		
Refrigeration	Not Required		
SECTION 15 Regulatory Information (non-mandatory)			
Production is regulated by the US FDA.			
SECTION 16: Other Information			
Updated: August 26, 2014			