

Document Number: 0633706337
Version: 1
Product: Star-Zyme AST 300, 1%, 10KG
Brand: SAFPro®
Date: 7/20/2023

TECHNICAL DATA SHEET

Product Description

An enzyme blend used to enhance crumb softness, resilience, and extend freshness in the finished product.

Regulatory

Produced from materials that are wholesome and free from extraneous matter. Product is prepared following Good Manufacturing Practices, and complies with the Federal Food, Drug and Cosmetic Act of 1938, as amended and published in the CFR.

Ingredient Statement

Enriched Wheat Flour (wheat flour, niacin, reduced iron, thiamine mononitrate, riboflavin, folic acid), Enzymes.

Allergen Statement

Labeled as **Contains:** Wheat

The following procedures are in place to prevent cross-contamination after running product containing allergens:
Validated Cleaning Procedures, Production Scheduling, Allergen Training, Raw Material Segregation

Manufacturing Process

Blending, packaging

Applications

Bread, rolls, buns or any yeast raised product

Usage

Add directly to the flour at 1% of the total flour weight.

Item Numbers / Packaging Format / Grind / UPC

Item Number	Net Wt.	Package	Form	UPC - Case
26305	22.05 lbs. / 10 kg	Heat sealed, poly-lined box, tamper evident tape	Powder	1 00 17929 26305 5

Import / Export Tariff code

2106.90.9998

Product Specifications

Parameter	Specification	Test Method
Moisture	8.0-12.0%	AOAC 960.18
Salmonella	Negative / 375 g (Composite 15 – 25 g samples)	AOAC 2013.01



7475 West Main St. Milwaukee, WI 53214

Document Number: 0633706337
Version: 1
Product: Star-Zyme AST 300, 1%, 10KG
Brand: SAFPro®
Date: 7/20/2023

TECHNICAL DATA SHEET

Package / Pallet Dimensions

Item	Case				Pallets						
	L	W	H	Cu. Feet	Tiers	Units/ Tier	Cases/ Pallet	L	W	H	Cu. Feet
	Inches							Inches			
26305	12	12	10	0.83	4	12	48	48	40	43	47.78

Shelf Life & Storage

Shelf life of 24 months (80° F/ 70% RH)

Kosher

Certified Kosher Pareve

Halal

Certified

Packaging

Corrugated box with heat sealed poly liner and tamper evident tape

Recyclable material

Corrugated box, poly liner

Batch Designation

Blends based on shift

Lot Coding

01312021

01 = Month (Jan)

31 = Day (31st)

2021 = Year

GMO Statement

Product has been tested and certified as Non-GMO by a third party.

USDA Bioengineered Statement

Product is not a bioengineered food. It does not contain any detectable genetic material and does not require BE Labeling per the National Bioengineered Food Disclosure Standard established by the USDA per 7 CFR 66.

Organic Statement

The product is not certified organic. It contains no GMO enzymes, has not been solvent-extracted, synthetically preserved or irradiated. It contains no artificial flavors or colors. There was no sewer sludge, petrochemical substrate, or sulfite waste liquor involved with any step of production. Check with your certification agency prior to use.

BSE / TSE

No animal products used in manufacturing process or raw materials.



7475 West Main St. Milwaukee, WI 53214

Document Number: 0633706337
Version: 1
Product: Star-Zyme AST 300, 1%, 10KG
Brand: SAFPro®
Date: 7/20/2023

TECHNICAL DATA SHEET

Preservatives

No preservatives present in product.

Sterilization

NA

Vegetarian Status

Acceptable for Vegan diets

Country of Origin

United States

GMPs

21CFR117

ISO

No

Gluten Status

Contains gluten from wheat.

Food Defense Program (Mitigation Strategies)

Facilities are registered with the FDA and are in compliance with FDA Guidelines relating to Food Security.

Master File

Not Required

Third Party Audits

BRC

Food Safety Plans and Preventive Controls

Product contains wheat flour, which is a raw agricultural product that has been known to contain Salmonella and E. coli. There is no kill step in the processing of the flour or the dough conditioner. The FDA does not consider pathogen testing to provide 100% assurance of the absence of pathogen, so customers using wheat flour must consider the risk as part of their Hazard Analysis and Risk Based Preventive Control Program per 21 CFR 117.

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



7475 West Main St. Milwaukee, WI 53214

Document Number: 0633706337
Version: 1
Product: Star-Zyme AST 300, 1%, 10KG
Brand: SAFPro®
Date: 7/20/2023

TECHNICAL DATA SHEET

NUTRIENT INFORMATION

NUTRITIONAL INFORMATION (Approx. / 100 grams)			
Calories	361.7	Vitamin D (mcg)	0
Total Fat (g)	1.0	Calcium (mg)	13.9
Saturated Fat (g)	0.4	Iron (mg)	4.6
Trans Fat (g)	0	Potassium (mg)	104.0
Cholesterol (g)	0		
Sodium (mg)	52.0	Moisture (g)	9.5
Carbohydrates (g)	80.6	Ash (g)	0.6
Dietary Fiber (g)	3.5		
Total Sugars (g)	0		
Added Sugars (g)	0		
Protein (g)	8.3		

g = gram

mg = milligram

mcg = microgram

Data Source: Calculated from ingredient datasheets and USDA Nutrient Database



7475 West Main St. Milwaukee, WI 53214

Document Number: 0633706337

Version: 1

Product: Star-Zyme AST 300, 1%, 10KG

Brand: SAFPro®

Date: 7/20/2023

TECHNICAL DATA SHEET

Allergens & Sensitizing	Present in Product		Present on Same Line		Present in Facility	
	Yes	No	Yes	No	Yes	No
Milk Products (butter, casein, cheese, whey, nougat, malted milk, sour cream, yogurt, etc.):	☐	☒	☒	☐	☒	☐
Egg Products (mayonnaise, meringue, ovalbumin, etc.):	☐	☒	☐	☒	☐	☒
Fish (any type):	☐	☒	☐	☒	☐	☒
Shell Fish (crustaceans, mollusks, shrimp, crab, lobster, oyster, clam, scallop, crayfish, etc.):	☐	☒	☐	☒	☐	☒
Tree Nuts (almond, cashew, hazelnut, macadamia, pecan, pine, pistachio, walnut, etc.):	☐	☒	☐	☒	☐	☒
Wheat Products (bran, bread crumbs, cracker meal, farina, graham flour, wheat germ, gluten, etc.):	☒	☐	☒	☐	☒	☐
Peanuts:	☐	☒	☐	☒	☐	☒
Soybean Products (tofu, miso, soy-derived vegetable protein, etc.):	☐	☒	☐	☒	☐	☒
Barley Products:	☐	☒	☒	☐	☒	☐
Rye Products:	☐	☒	☒	☐	☒	☐
BHA/BHT:	☐	☒	☐	☒	☐	☒
Celery (root, leaves, stalk):	☐	☒	☐	☒	☐	☒
Chocolate Products:	☐	☒	☐	☒	☐	☒
FD&C Colors (Yellow #5, etc.):	☐	☒	☐	☒	☐	☒
Hydrolyzed Animal Protein:	☐	☒	☐	☒	☐	☒
Hydrolyzed Plant Protein:	☐	☒	☐	☒	☐	☒
3-MCPD (Monochloropropdiol):	☐	☒	☐	☒	☐	☒
Meat & Meat Derivatives (beef, pork, etc.):	☐	☒	☐	☒	☐	☒
Monosodium Glutamate:	☐	☒	☐	☒	☐	☒
Oat Products:	☐	☒	☒	☐	☒	☐
Seeds (cottonseed, poppy, sunflower, mustard, etc.):	☐	☒	☐	☒	☐	☒
Sesame:	☐	☒	☐	☒	☐	☒
Sulfites (added):	☐	☒	☐	☒	☐	☒