Vita-Pakt®
CITRUS PRODUCTS CO.

TECHNICAL BULLETIN

PRODUCT NO. 6-0803
VITA-PAKT SELECT ORANGE PEEL GRANULES (-16+40)

Description
Orange peel is obtained from clean, sound, mature oranges of the species *Citrus sinensis.* The fruit is washed and the juice extracted. Fine cut orange peel is prepared from the shaved flavedo portion of the expelled peel that has been cut, dried and milled to the desired size.

Ingredients: Orange Peel

Specifications:

Product		Microbiological cfu/g	
Moisture	10% maximum	Total Plate Count	≤10,000
Granulation	5% maximum retained on U.S. #16 15% maximum passed through a U.S. #40	Yeast & Mold	≤4,000
Aroma/Flavor	Typical of orange peel	Coliform	≤400
Defects	Reasonably free of scorched particles or other defects.	E. coli	≤10

Shipping and Storage: Carrier shall be clean, dry and suitable for food transport. Store in a cool, dry warehouse preferably below 70º F. and less than 65% RH in tightly sealed containers. Do not chill below 40ºF.

Shelf Life: If stored and handled under recommended storage conditions in original containers, use within 2 years for best quality.

Packaging: Packed in a fiberboard box lined with a polyethylene bag. Net Weight 40 lbs.
Packed in a fiberboard box lined with a polyethylene bag. Net Weight 45 lbs.
Packed in a fiberboard box lined with a polyethylene bag. Net Weight 50 lbs.

This statement serves as a DISCLAIMER regarding fresh fruit marketing labels:
"Vita-Pakt Citrus Products Co. is a manufacturer of premium citrus ingredients for the food industry. As the leader in our field we strictly adhere to FDA rules and regulations, while proudly maintaining BRC Food Certified status. Food safety, quality and Good Manufacturing Practices will always remain our top priority. That said, it must be understood by the buyer and seller, the fruit we purchase from U.S. West Coast packinghouses, may contain retail fruit market labels; such labels are required by their retail customers and industry regulations. These labels are targeted within our best efforts for removal, utilizing the latest in fruit washing and laser optical technology as well as a manual inspection prior to final packaging. Despite our best efforts, occasionally these labels will elude the process and pass into the finished product. The marketing labels are not considered a food safety issue but rather a quality attribute. As a result, we cannot guarantee the finished ingredient product to be 100% free of marketing labels."

203 EAST BADILLO ST. P. O. BOX 309 COVINA, CALIFORNIA 91723 (626) 332-1101 FAX (626) 722-0113

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CITRUS PRODUCTS CO.

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NUTRITION FACTS

PRODUCT NO. 6-0803
VITA-PAKT SELECT ORANGE PEEL GRANULES (-16+40)

Average Values per 100 grams

Calories	362	
Calories from Fat	0	
Water	6.0	g
Ash	2.7	g
Total Fat*	0.7	g
Saturated Fat*	0.1	g
Trans Fatty Acids	0	g
Cholesterol	0	mg
Sodium	10	mg
Potassium	725	mg
Total Carbohydrate	85.5	g
Dietary Fiber	72.2	g
Sugars	5.0	g
Added Sugars	0	g
Protein	5.1	g
Vitamin A	510	I.U.
Vitamin C	405	mg
Vitamin D	0	mcg
Calcium	512	mg
Iron	3	mg
Folic Acid	103	mcg
Niacin	2.84	mg
Phosphorus	68.9	mg
Magnesium	100	mg
Zinc	790	mcg
Copper	320	mcg

*The "volatile oils" found in the standard test are terpenes, not fats or oils. These are calculated values based on published data and actual analysis. As these values are subject to geographic and environmental factors affecting the fruit being harvested and the variability of the processing, they can vary over a rather broad spectrum.

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TECHNICAL BULLETIN
ALLERGEN AND SENSITIVITY AGENTS INFORMATION
Dried Citrus Peel

Allergen	Present in Product	Present in Products Manufactured on Same Line	Present in Same Manufacturing Plant
Egg/Egg Products • Egg whites, albumen, lysozyme etc.	No	No	No
Fish • All species	No	No	No
Milk/Milk Products • Caseinates, NFDM, cheese, whey, lactose, butter, etc.	No	No	No
Peanut Products • All types (e. g. butter, oil, arachis,etc.)	No	No	No
Shellfish Crustaceans • Shrimp, crab, lobster, prawns, crayfish, etc.	No	No	No
Soybean/Soy Products • Tofu, miso, soy lecithin, soy flour, soy grits, soy isolate, hydrolyzed soy protein, etc.	No	No	No
Tree Nuts • All types (e.g., walnuts, almonds, cashews, pecans, hazelnuts, Brazil nuts, pistachios, pine nuts, macadamia, gingko nut, coconut, etc.)	No	No	No
Wheat/Related Grains • Wheat gluten, wheat flour, germ, farina, malt, etc.	No	No	No

International Allergens & Sensitizing Agents	Present in Product	Present in Products Manufactured on Same Line	Present in Same Manufacturing Plant
Added Diacetyl	No	No	No
Alternative Sweeteners • Aspartame, fructose, Sorbitol, Stevia, Sucralose, etc.	No	No	No

(CONTINUED ON NEXT PAGE)

5455 SOUTH VILLA AVENUE, FRESNO, CALIFORNIA 93725 (559)834-6885 FAX (559)834-6888

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CITRUS PRODUCTS CO.

TECHNICAL BULLETIN
ALLERGEN AND SENSITIVITY AGENTS INFORMATION
Dried Citrus Peel

International Allergens & Sensitizing Agents	Present in Product	Present in Products Manufactured on Same Line	Present in Same Manufacturing Plant
Anti-Oxidants • BHA, BHT, TBHQ, etc.	No	No	No
Celery	No	No	No
Chocolate/Chocolate Derivatives	No	No	No
Colors • Annatto, apo-carotenal, beet powder, caramel, carmine, cochineal, FD&C, paprika, tartrazine, turmeric, etc.	No	No	No
Gluten • Barley, malt, oats, rye, etc.	No	No	No
Grains • Barley, corn, oats, rice, etc.	No	No	No
Hydrolyzed Vegetable Protein	No	No	No
Lupin/Lupine	No	No	No
Monosodium Glutamate (MSG) • Autolyzed yeast/yeast extracts, Glutamic acid	No	No	No
Mustard	No	No	No
Preservatives • Natamycin, nisin, sodium benzoate, sorbates, etc.	No	No	No
Seeds/Seed Derivatives • All types (e.g., caraway, celery seed, cottonseed, mustard, poppy, safflower, sesame, sunflower, etc.)	No	No	No
Sesame	No	No	No
Shellfish Molluscan • Clams, mussels, oyster, scallops, etc.	No	No	No
Sulfites/Sulfur Dioxide • Sodium bisulfite, sodium metabisulfite, sodium sulfite, potassium bisulfite, potassium metabisulfite, potassium sulfite, etc.	No	Yes	Yes

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TECHNICAL BULLETIN

LABEL

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PERCENT RANGE OF INGREDIENTS

Vita-Pakt Product #6-0803, Select Orange Peel Granules

Ingredient	%wt/wt
Orange Peel	100

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TECHNICAL BULLETIN

SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name:	Dried Orange Peel
Formula:	N/A
Chemical and Common Name:	Dried Orange Peel
CAS Number:	N/A

II. TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance and Odor: Pieces or granules of light orange to tan color with characteristic orange aroma.

Boiling Point (@ 760 mm Hg):	N/A
Vapor Pressure (Torr @ 25° C):	N/A
Vapor Density (Air = 1):	N/A
Specific Gravity (@ 25/25° C, H_2O = 1):	N/A
Solubility in Water:	None

III. FIRE, EXPLOSION AND REACTIVITY HAZARD DATA

Flash Point (Tag Closed Cup):		N/A
Ignition Temperature:		N/A
Flammable Limits		
(Percent by Volume):	Lower:	N/A
	Upper:	N/A
Fire Extinguishing Media:		N/A
Special Fire Fighting Procedures:		None
Unusual Fire and Explosion Hazards:		None
Hazardous Products of Combustion:		None
Stability Considerations:		Stable
Incompatibility With:		N/A
Hazardous Polymerization:		None
Hazardous Decomposition Products:		None
Conditions to Avoid:		None

IV. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit:	Not Listed
ACGIH Threshold Limit Value:	Not Listed
Carcinogenicity:	N/A
Effects of Overexposure:	None
Primary Route(s) of Exposure:	Skin, eye, inhalation or ingestion

IV. HEALTH HAZARD DATA (cont'd.....)

Emergency First Aid Procedures:	Wash with soap and water, flush eyes
Medical Conditions General Recognized As Being Aggravated By Exposure:	None

V. SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released or Spilled:	Flush with water, sweep or vacuum.
Waste Disposal Method:	Dispose in compliance with federal, state, and local regulations.

VI. PERSONAL PROTECTION, HANDLING AND STORAGE INFORMATION

Personal Protective Equipment:	Adequate work clothes. For sensitive individuals, gloves may be required.
Appropriate Hygienic Practice:	Wash with soap and water.
Ventilation:	Normal or mechanical
Restrictions:	None
Handling and Storage Precautions:	Store in cool, dry area in sealed containers.

For further questions, contact Paul Gottschall at (559) 562-6008.

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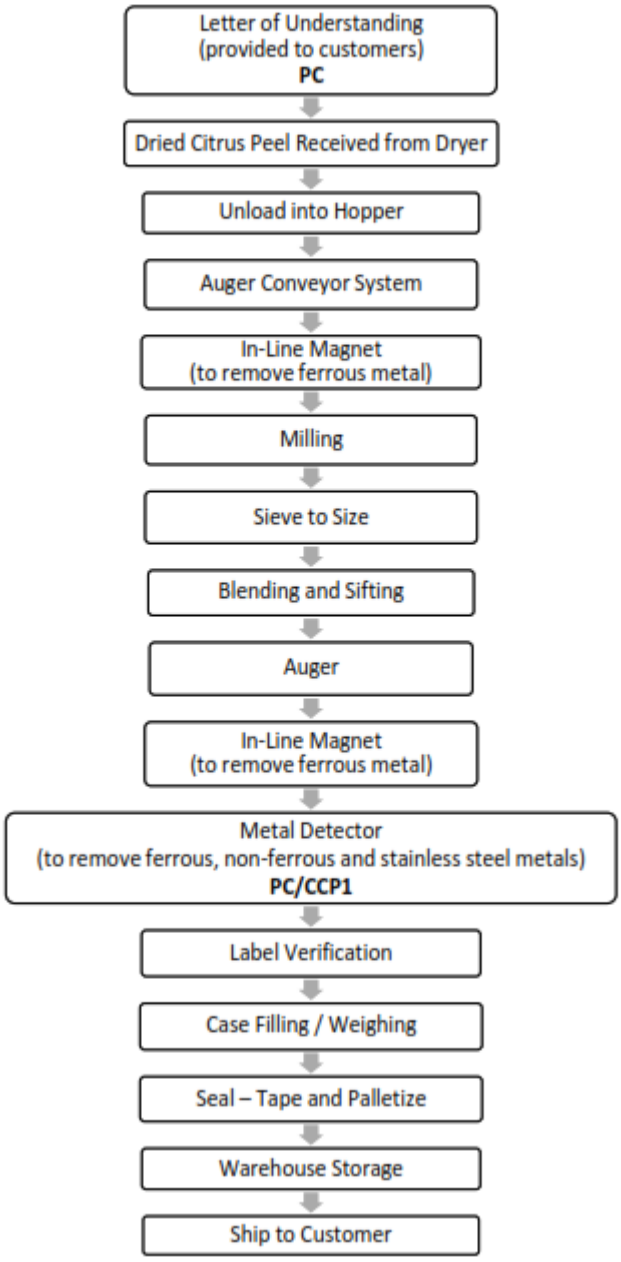
TECHNICAL BULLETIN

VITA-PAKT CITRUS PRODUCTS CO.
HACCP/HARPC FLOW CHART
(Conventional or Organic)
Citrus Peel Granules/Powder



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Dried Carton Dimensions

17.5″x 12.5″x 14.5″ Carton

Peel Cuts

Powders (-40)
Fine Cut (-16+40)
Tea Bag Cut (-14+60)
Medium Granules (-8+16)

1.8 Cubic Ft.

19.5″x 12.5″x 14″ Carton

Peel Cuts

Standard Granules (-10+40)

2 Cubic Ft.

22″x 16.25″x 19″ Carton

Peel Cuts

Large Granules (-4+8)
Shreds (3⁄16″)
Diced (1⁄4″, 3⁄8″)
Ribbons (3⁄4″)

4 Cubic Ft.

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TECHNICAL BULLETIN

Vita-Pakt

Dried Pallet Configuration

20 Carton Pallet

4 Tiers of 5 Cartons

89 Cubic Ft.

Peel Cuts

-4+8, 3/16", 3/8", 1/4", 3/4" Ribbons

28 Carton Pallet

4 Tiers of 7 Cartons

68 Cubic Ft.

Peel Cuts

All Premium Peels

32 Carton Pallet

4 Tiers of 8 Cartons

69 Cubic Ft.

Peel Cuts

-40, -16+40, -14+60, -10+40, -8+16

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