



TECHNICAL BULLETIN

PRODUCT NO. 6-0818
VITA-PAKT SELECT DRIED ORANGE PEEL – 3/16" STRIPS

Description

Orange peel is obtained from clean, sound, mature oranges of the species *Citrus sinensis*. The fruit is washed and the juice extracted. Orange peel ribbon is prepared from the shaved flavedo portion of the expelled peel which has been passed through 3/16" cutters. The cut peel is dried and packed into boxes.

Ingredients: Orange Peel

Specifications:

| Product | | Microbiological cfu/g | |
|--------------|---|-----------------------|---------|
| Moisture | 10% maximum | Total Plate Count | ≤10,000 |
| Size | 3/16 inch strips, variation in length | 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 70° F and less than 65% RH in tightly sealed containers. Do not chill below 40° F.

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.

Weight: 40 pounds (18.1 kg) net. 43 pounds (19.5 kg) gross

Weight: 30 pounds (13.6 kg) net. 33 pounds (15.0 kg) gross

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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www.Vita-Pakt.com · 1-626-332-1101 · 1-888-684-8272



TECHNICAL BULLETIN

NUTRITION FACTS

PRODUCT NO. 6-0818

VITA-PAKT SELECT DRIED ORANGE PEEL – 3/16" STRIPS

Average Values per 100 grams

| | | |
|--------------------|------|------|
| Calories | 362 | |
| Calories from Fat | 0 | |
| Moisture | 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 | 10.2 | 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 |

*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.



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, ginkgo 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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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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Vita-Pakt[®]
CITRUS PRODUCTS CO.
TECHNICAL BULLETIN

LABEL





PERCENT RANGE OF INGREDIENTS

Vita-Pakt Product #6-0818, Select Dried Orange Peel 3/16" Strips

| <u>Ingredient</u> | <u>%wt/wt</u> |
|-------------------|---------------|
| 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: Diced pieces 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 ₂ O = 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



**TECHNICAL BULLETIN
SAFETY DATA SHEET**

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: containers. | Store in cool, dry area in sealed |

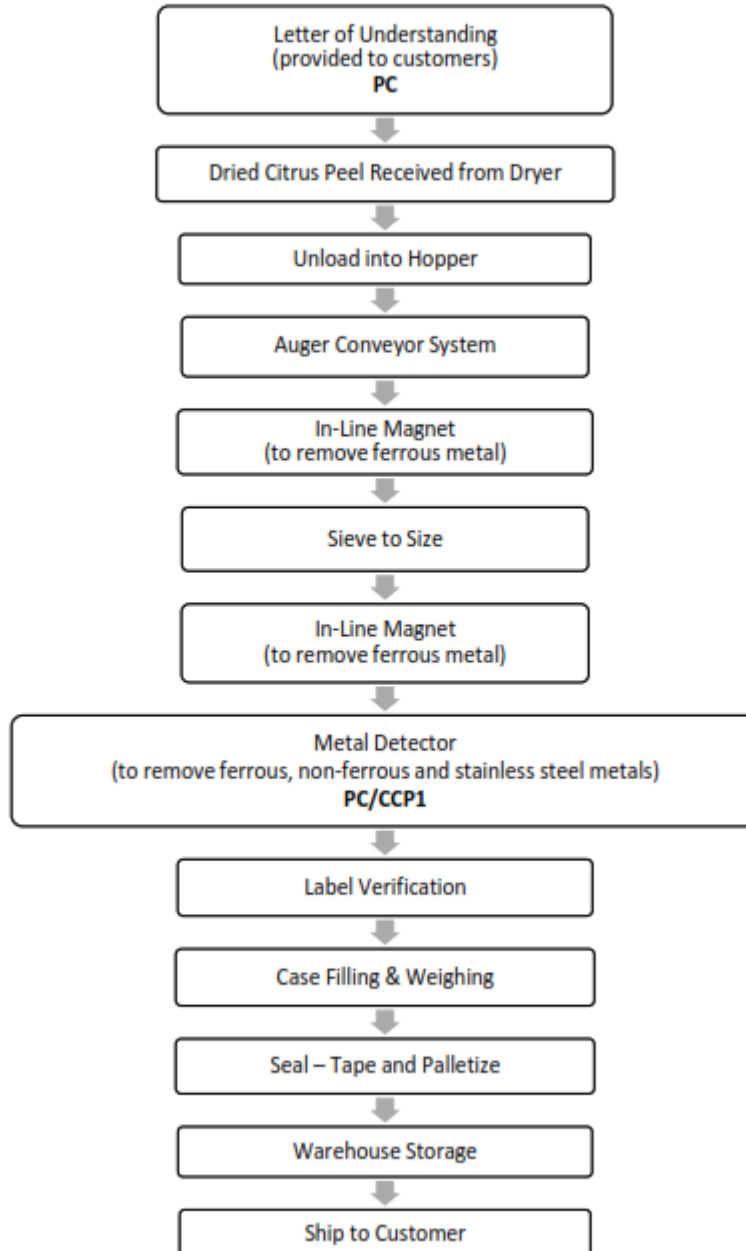
For further questions, contact Paul Gottschall at (559) 562-6008.

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TECHNICAL BULLETIN

VITA-PAKT CITRUS PRODUCTS CO.
HACCP/HARPC FLOW CHART
(Conventional)
Citrus Peel Diced/Strips (3/16" ¼" 3/8")



Vita-Pakt 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.

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



Height 80"

Width 48"

(Pallet dimensions)



Length 40"

28 Carton Pallet

4 Tiers of 7 Cartons
68 Cubic Ft.

Peel Cuts

All Premium Peels



Height 61"

Width 48"

(Pallet dimensions)



Length 40"

32 Carton Pallet

4 Tiers of 8 Cartons
69 Cubic Ft.

Peel Cuts

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



Height 62.5"

Width 48"

(Pallet dimensions)



Length 40"