



PRODUCT NO. 150  
VITA-PAKT ORANGE OIL

Description

Product No. 150, Orange Oil is extracted from the peel of fresh oranges. Raw oil is cold pressed and polished, reasonably free from foreign material and ready for use. The color ranges from orange yellow to light reddish orange.

Ingredients

Orange Oil

Product Specifications

Aldehyde % w/w (expressed as decanal):	1.2-2.5%
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Shipping and Storage

Should be stored below 40° F (4.4° C) in full containers for longer life. Exposure to heat, light, and air causes flavor deterioration.

Shelf Life

9 months @ Ambient or 18 months Refrigerated.

Packaging

Description: 395-pound food grade epoxy-lined oil drum

Weight: 395 pounds (179 kg) net  
435 pounds (197 kg) gross

All sales must be confirmed at the time of negotiation as related to price and amount. Samples available upon request. Please order by product number and name.

**CORPORATE**

Post Office Box 20066  
Bakersfield, CA 93390

**LINDSAY**

525 East Lindmore Street  
Lindsay, CA 93247

**EAST COAST**

101 Village Square Plaza, Suite 2, 2<sup>nd</sup> Floor  
Somers, NY 10589

**FRESNO**

5455 South Villa Avenue  
Fresno, CA 93725

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## NUTRITION FACTS

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There is no known scientific study to show that these oils provide any nutrition. If there was any nutritional value in these citrus oils, it would be extremely small. These products therefore are included in an exemption stated in 21CFR 101.9 (j) (4), dated April 1, 1994.

(j) The following foods are exempt from this section.

(4) Foods which contain insignificant amounts of all of the nutrients and food components required to be included in the declaration of nutrition information under paragraph (c) of this section, providing that the food bears no nutrition claims or other nutrition information in any context on the label or in labeling or advertising claims or other nutrition information subjecting the food to the provision of this section. An insignificant amount of a nutrient or food component shall be as that for total carbohydrate, dietary fiber and protein, and shall be an amount which allows a declaration of "less than 1 gram." Foods that are exempt under this paragraph include coffee beans (whole or ground), tea leaves, plain unsweetened instant coffee and tea, condiment-type dehydrated vegetables, flavor extracts and food colors.

We do not make any nutritional claim or have any nutritional information, in any context, on the label or in advertising for these products.

## ALLERGEN AND SENSITIVITY AGENTS INFORMATION

PRODUCT NO. 150  
VITA-PAKT ORANGE OIL

Allergen	Present in Product	Present in Products Manufactured on Same Line	Present in Same Manufacturing Plant
<b>Egg/Egg Products</b> Egg whites, albumen, lysozyme etc.	No	No	No
<b>Fish</b> All species	No	No	No
<b>Milk/Milk Products</b> Caseinates, NFDM, cheese, whey, lactose, butter, etc.	No	No	No
<b>Peanut Products</b> All types (e. g. butter, oil, arachis, etc.)	No	No	No
<b>Shellfish Crustaceans</b> Shrimp, crab, lobster, prawns, crayfish, etc.	No	No	No
<b>Soybean/Soy Products</b> Tofu, miso, soy lecithin, soy flour, soy grits, soy isolate, hydrolyzed soy protein, etc.	No	No	No
<b>Tree Nuts</b> All types (e.g., walnuts, almonds, cashews, pecans, hazelnuts, Brazil nuts, pistachios, pine nuts, macadamia, ginkgo nut, coconut, etc.)	No	No	No
<b>Wheat/Related Grains</b> 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
<b>Added Diacetyl</b>	No	No	No
<b>Alternative Sweeteners</b> Aspartame, fructose, Sorbitol, Stevia, Sucralose, etc.	No	No	No

**(CONTINUED ON NEXT PAGE)**

## ALLERGEN AND SENSITIVITY AGENTS INFORMATION

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

LABEL



## PERCENT RANGE OF INGREDIENTS

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<u>Ingredient</u>	<u>%wt/wt</u>
Orange Oil	100

**SAFETY DATA SHEET (SDS/GHS)**

**I. PRODUCT IDENTIFICATION**

**1.1 PRODUCT IDENTIFIERS:**

Product Number:	150
Trade Name:	Cold Pressed Orange Oil
Formula:	Essential Oil
Chemical and Common Name:	Orange Oil
CAS Number:	N/A

**1.2 USAGE:** Various Food Applications

**1.3 MANUFACTURER:**

Name:	Vita-Pakt Citrus Products Company
Address:	525 E. Lindmore St., Lindsay, California 93247

**1.4 EMERGENCY TELEPHONE NO.**

Phone:	888-684-8272
Fax:	661-430-9102

**II. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Flammable liquids (Category 3), H226

**2.2 GHS Label elements, including precautionary statements**



Pictogram:

Signal word: Warning

**Hazard statement(s):**

H226 Flammable liquid and vapor.

**Precautionary statement(s):**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.



**SAFETY DATA SHEET (SDS/GHS)**

**II. HAZARDS IDENTIFICATION (cont.)**

P280 Wear protective gloves/ protective clothing/eye protection/face protection.  
P303+ P361+ P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
P403 + P235 Store in a well-ventilated place. Keep cool  
P501 Dispose of contents/container to an approved waste disposal plant.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none**

**III. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

CAS-No.: N/A

**Hazardous components**

Component: Orange oil

Classification: Flam. Liq. 3; H226

**IV. FIRST AID MEASURES**

**After eye contact :**

In case of contact with the eyes, rinse immediately with plenty of water for at least 15 minutes.

**After skin contact:**

After contact with skin, wash immediately affected area with soap and plenty of water.

**After inhalation:**

If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**After ingestion:**

If swallowed, rinse mouth with water (only if patient is conscious). Obtain medical advice.

**V. FIREFIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide; Dry Chemical; Universal Type Foam **Special firefighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Closed containers exposed to heat, but not burning, could be cooled with water.

**Unusual fire and explosion hazards:** Emits toxic fumes under fire conditions

**SAFETY DATA SHEET (SDS/GHS)**

**VI. ACCIDENTAL RELEASE MEASURES**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.

To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

**VII. HANDLING AND STORAGE**

Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing. Smoking should not be permitted in work areas.

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g., hot surfaces, sparks, flame, and static discharges).

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources.

Keep in glass, suitable plastic, aluminum, or lacquer-lined containers.

**VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Occupational exposure limits:** OSHA TWA: Not determined

ACGIH TWA: Not determined.

NIOSH TWA: Not determined

OSHA PEL: Not determined

ACGIH STEL: Not determined

NIOSH STEL: Not determined

**SAFETY DATA SHEET (SDS/GHS)**

**VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION (cont.)**

**Respiratory protection:** Do not breath vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

**Hand protection:** Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

**Eye Protection:** Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

**Body protection:** Light protective clothing recommended. Wash contaminated clothing before reuse.

**Hygiene measures:** Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/odor:	Pale orange to dark orange clear liquid with typical fresh orange peel aroma
Melting Point:	Liquid
Boiling Point:	176.00 degrees C @ 760.00 mmHg
Flash Point:	122° F (Tag Closed Cup)
Flammability:	
Flammable Limits (Percent by Volume):	Lower: 0.7% @ 302° F Upper: 6.1% @ 503° F
Auto Flammability:	Not determined
Explosive properties:	Not determine
Oxidizing properties:	Not determined
Vapor pressure:	0.95000 mm/Hg @ 25 degrees C
Vapor density:	Not determined
Specific gravity:	0.849 to 0.8500 @ 25 degrees C
PH of Product:	Not determined
Solubility in water:	Insoluble

**X. STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to avoid:** Heat, excessive heat, open flames and other sources of ignition.

**Incompatibility:** Moisture, light, heat, strong oxidizing agents, strong reducing agents, strong bases.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide. Hazardous polymerization will not occur.

**SAFETY DATA SHEET (SDS/GHS)**

**XI. TOXICOLOGICAL INFORMATION**

**Acute toxicity**

Oral Toxicity (LD50): Oral-Rat 2840.00 mg/kg

Dermal Toxicity (LD50): Skin-Rabbit >5000.00 mg/kg

Eye Irritation: Not determined

Inhalation data (LC50): Not determined

Mutagenicity data: Not determined

Phototoxicity data: Not determined

Human experience: Not determined

**Carcinogenicity:** Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS: No

**Reproductive toxin:** Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS: No

On the TSCA Inventory?: Yes

**XII. ECOLOGICAL INFORMATION**

**Biodegradability**

Readily biodegradable : Not determined

Inherently biodegradable : Not determined

**Ecotoxicity**

Fish: Not determined

Algae : Not determined

Daphnia : Not determined

Bacteria : Not determined

**XIII. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local environmental regulations

**XIV. TRANSPORTATION INFORMATION**

**US DOT Hazard Class :** TERPENE HYDROCARBONS, N.O.S. (TERPENES)

**UN Number :** 2319

**UN Pkg Group :** III

**UN Item:** Not determined

**ERG Number :** 128

**Land Transport (ADR/RID)**

**Class :** Not determined

**Transport factor :** Not determined

**SAFETY DATA SHEET (SDS/GHS)**

**Marine transport (IMDG)**

**IMDG-class : 3**

**Page No : Not determined**

**MFAG : Not determined**

**EmS-No : Not determined**

**Air transport (IATA)**

**IATA-class : 3**

**Passenger : Not determined**

**Cargo : Not determined**

**XV. REGULATORY INFORMATION**

**Federal and State Regulations:** TSCA 8(b) inventory: Orange oil

**HMIS Rating**

Health Hazard: 2

**NFPA Rating**

Health Hazard: 2

Flammability: 2

Reactivity: 0

**XVI. OTHER INFORMATION**

**FEMA No: 2625**

For further questions, contact 888-684-8272

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**FLOW CHART FOR VITA-PAKT  
PRODUCT #150  
COLD PRESSED ORANGE OIL**

Fruit Receiving/Inspection



Fruit Washing/Rinsing



Culling/Grading



Oil Extractor



Finisher (CCP)



Separator Centrifuge



Polisher Centrifuge



Drum Filling/Labeling



Ambient Storage

## PALLET REQUIREMENTS

### GMA #1 required for all shipments

Most 48" x 40" pallets are manufactured as "Grocery Manufacturer's Association" or GMA pallets.

- Stringers are 1 3/8" x 3 1/2" x 48".
- Stringers have two notches in the side to allow for forklift entry. This makes it a 4way pallet.
- Pallet boards are 5/8" thick.
- Top of pallet has a 5/8" x 5 1/2" x 40" board on each end, and five 5/8" x 3 1/2" x 40" boards in the center.
- Bottom of pallet has a 5/8" x 5 1/2" x 40" board on each end, and three 5/8" x 3 1/2" x 40" boards positioned between the notches.
- Alternate acceptable construction for GMA pallet is six 5/8" x 5 1/2" x 40" board on top, and four 5/8" x 5 1/2" x 40" boards on the bottom.



### ISPM Requirement:

All pallets shall be - **Heat Treated (HT)**: Wood packaging material should be heated in a schedule that achieves a minimum core temperature of 56°C for a minimum of 30 minutes. The American Lumber Standards Committee administers the U.S. certification program for heat treatment. Each pallet must be marked (branded) with certificate on file.