



## Product Data Sheet

### Farnesene

#### Description:

Most information on this terpene comes from scientific research conducted on the terpene composition of granny smith apple skins. This work confirmed both the existence and the possibility of extracting Farnesene from such fruit rinds. This terpene strongly exhibits the smell of green apples with floral, woody notes, but it corrodes quickly, as it exists only on the outermost layers of produce. This terpene is used in cosmetics, personal care products, flavoring for food, and in fragrances.



#### Dominant Terpenes:

None

**Mood Orientation:** None

#### Specification (as manufactured):

|            |                                  |
|------------|----------------------------------|
| Appearance | Colorless to yellow clear liquid |
| Aroma      | Floral, woody, citrus, herbal    |
| Flavor     | Floral, woody, citrus, herbal    |
| Density    | 0.82-0.86                        |

## Storage:

Store flavor in airtight, sealed containers at ambient temperature (<22°C/72°F) and <60% relative humidity. Avoid exposure to light, air and high heat. Once containers have been opened, maintaining minimal headspace and storing under appropriate conditions will aid in preserving the product's integrity.

## Shelf Life:

Typical shelf life is 1 year from date of manufacture when stored in original container and under recommended storage conditions.

## Food Ingredient Declaration For Customers<sup>1</sup>

Natural Flavor (FDA)

This flavor contains ingredient(s) which are approved for use in a regulation of the Food and Drug Administration (FDA) and/or are listed as Generally Recognized as Safe (GRAS) on a reliable, published industry association list pursuant to 21CFR101.22.

## Nutritional Contribution:

The nutritional content of flavor additives does not contribute to the nutritional value of foods, due to the extremely low use level. Therefore, pursuant to 21CFR 101.9 (i) (4), flavors are exempt from nutritional labeling. Nutritional data is available upon request.

## Regulatory Status:

|  |     |
|--|-----|
| Flavor   |     |
| USA Regulated Allergens <sup>2</sup>           |     |
| International Regulated Allergens <sup>3</sup> |     |
| Country of Manufacture                         | USA |
| Other  |     |

1. USA labeling recommendations are pursuant to 21CFR 101.22 (k) (2). Label declaration requirements vary significantly in different countries. These label declarations should not be used or adopted without confirming that the declaration is appropriate and legal for the subject country and intended application.

2. Crustacean, Egg, Fish, Milk, Peanut, Shellfish, Soybean, Tree Nut, Wheat are allergens recognized by the USA Food and Drug Administration Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA). FALCPA does not regulate sulfites as allergens. However, sulfites are considered a sensitizing chemical in the USA and will be identified when present at >10 ppm.

3. Apple, Beef, Buckwheat, Celery, Crustacean, Egg, Fish, Gelatine, Gluten, Kiwifruit, Milk, Mushroom, Mustard, Orange, Peanut, Pork, Poultry, Sesame Seed, Shellfish, Soybean, Sulfite, Tartrazine, Tomato, Tree Nut, Wheat, Yam

4. WARNING: This product can expose you to Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).