



Abstrax®

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Product Data Sheet

Quantum Series 3.0

SKU: Various

CAS: N/A (Mixture)

FEMA: N/A (Mixture)

Test	Method	Specification
Appearance	Visual	White Liquid
Aroma	Smell	Characteristic
Specific Gravity @ 25°C	USP 841	0.98-1.02

Storage

Store flavor in airtight, sealed containers at ambient temperature (20-25°C/68-77°F) and <60% relative humidity. Avoid exposure to light, air, and high heat. Do not freeze. Use immediately or maintain minimal headspace and store under refrigeration (0-10°C/32-50°F) to 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 Customers¹

Hop Oil (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 21CFR101. 9. (j)(4), flavors are exempt from nutritional labeling. Nutritional data is available upon request.

Other Regulatory Information

USA Regulated Allergens ²	None
International Regulated Allergens ³	None
Proposition 65	None Added
Country of Manufacture	USA

1. USA labeling recommendations are pursuant to 21 CFR 101.22. 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. Quantum Brite products are Hops Oils that have been emulsified in Abstrax proprietary emulsion system. Abstrax labels identify the following ingredients: "Water, Hops Oil, Sunflower Lecithin, Potassium Sorbate, Citric Acid". However, pursuant to 21CFR101.100(a)(3)(i), food and beverage products that use Quantum Brite may only need to label the "Hops Oil" since the other ingredients could be considered incidental additives that are present in the final product at insignificant levels and do not have any technical or functional effect in the food. These other ingredients are present in the food by reason of having been incorporated into the food as an ingredient of Quantum Brite, in which the ingredients did have a functional or technical effect. Hops Oil is a FEMA GRAS flavoring pursuant to the Code of Federal Regulations Title 21 Section 101.22(a)(3).

2. Crustacean, Egg, Fish, Milk, Peanut, Sesame Seed, 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 >10ppm.

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

Date Created: 8/05/2025

This Product Data Sheet cancels and replaces all previously issued data sheets for this product.