



VIORYL

Product Specification

Product code: **25389700**

Product name: **BLUEBERRY 2420-N/23**

Product description

Flavour profile	Tropical berry, sweet and juicy
Colour	Colourless to pale yellow
Appearance	Liquid

Product specification

Refractive Index (25°C):	1,427 – 1,437
Density (25°C):	1,001 – 1,041
Solubility:	Soluble in water 0,1%

Composition

Flavour ingredients:	Flavouring substances, Flavouring preparations, Natural flavouring substances
Other ingredients:	Propylene glycol E 1520 (≤89%), Triacetine E 1518 (≤0,4%)
Ethyl alcohol content:	-
Labelling:	Flavouring

Recommended Dosages

Food application	Recommended Dosage
Baked goods	(0,2-0,3) %
Ice cream	(0,2-0,3) %
Jam, jellies and marmalades and similar products	(0,1-0,2) %
Sugars and syrups	(0,1-0,2) %
Dairy desserts	
Non-alcoholic beverages	(0,05-0,1) %
Alcoholic beverages, including alcohol-free and low-alcohol counterparts	(0,05-0,1) %

Storage and handling

Flash point (closed cup)	(70-100) °C
Storage Conditions:	to be stored protected from day-light in a dry, ventilated place, away from any heat source and ignition source. Container once opened, should be finished soon. Close container tightly after using.
Temperature:	(11 – 25) °C / (52 – 77) °F
Shelf Life:	365 days, as per recommended storage conditions

GMO Declaration

The above product is not considered genetically modified and it is not derived from genetically modified organisms, as defined in the **EC Regulation No 1829/2003/EC** on genetically modified food and feed and **EC Regulation No 1830/2003/EC**, concerning the traceability and labeling of genetically modified organisms.

Health Certificate

This product is suitable for use as food flavouring. It is produced according to the Greek legislation and the Regulation (EC) No 1334/2008, under our certified FSSC 22000 Food Safety Management System. It does not affect human health in the concentration generally used and under normal conditions of application as food flavouring.

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Allergens labelling

Allergens according to Regulation (EU) No 1169/2011	Present
Cereals containing gluten and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Peanuts and products thereof	No
Soybeans and products thereof	No
Milk and products thereof (including lactose)	Yes
Nuts and products thereof	No
Celery and products thereof	No
Mustard and products thereof	No
Sesame seeds and products thereof	No
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or more than 10 mg/l expressed as SO ₂	No
Lupin and products thereof	No
Molluscs and products thereof	No

This information is generated by calculation and is given to the best of our knowledge, based upon the product formula and the information on its ingredients received from our suppliers and therefore may be subject to change.

Maximum Permitted Dosage per Application

Category No	Food category according to Regulation (EC) No 1333/2008	Maximum Dosage
0.	All categories of foods	
01.	Dairy products and analogues	0,34%
01.1	Unflavoured pasteurised and sterilised (including UHT) milk	N/A
01.2	Unflavoured fermented milk products, including natural unflavoured buttermilk (excluding sterilised buttermilk) non-heat-treated after fermentation	N/A
01.3	Unflavoured fermented milk products, heat-treated after fermentation	N/A
01.4	Flavoured fermented milk products including heat-treated products	0,34%
01.5	Dehydrated milk as defined by Directive 2001/114/EC	0,34%
01.6	Cream and cream powder	0,34%
01.6.1	Unflavoured pasteurised cream (excluding reduced fat creams)	N/A
01.6.2	Unflavoured live fermented cream products and substitute products with a fat content of less than 20%	N/A
01.6.3	Other creams	0,34%
01.7	Cheese and cheese products	0,34%
01.7.1	Unripened cheese excluding products falling in category 16	0,34%
01.7.2	Ripened cheese	0,34%
01.7.3	Edible cheese rind	0,34%
01.7.4	Whey cheese	0,34%
01.7.5	Processed cheese	0,34%
01.7.6	Cheese products (excluding products falling in category 16)	0,34%
01.8	Dairy analogues, including beverage whiteners	0,34%
01.9	Edible caseinates	0,34%
02.	Fats and oils and fat and oil emulsions	0,34%
02.1	Fats and oils essentially free from water (excluding anhydrous milkfat)	N/A
02.2	Fat and oil emulsions mainly of type water-in-oil	N/A
02.2.1	Butter and concentrated butter and butter oil and anhydrous milkfat	N/A

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02.2.2	Other fat and oil emulsions including spreads as defined by Regulation (EC) No 1234/2007 and liquid emulsions	N/A
02.3	Vegetable oil pan spray	N/A
03.	Edible ices	0,34%
04.	Fruit and vegetables	N/A
04.1	Unprocessed fruit and vegetables	N/A
04.1.1	Entire fresh fruit and vegetables	N/A
04.1.2	Peeled, cut and shredded fruit and vegetables	N/A
04.1.3	Frozen fruit and vegetables	N/A
04.2	Processed fruit and vegetables	0,34%
04.2.1	Dried fruit and vegetables	0,34%
04.2.2	Fruit and vegetables in vinegar, oil, or brine	0,34%
04.2.3	Canned or bottled fruit and vegetables	0,34%
04.2.4	Fruit and vegetable preparations, excluding products covered by 5.4	0,34%
04.2.4.1	Fruit and vegetable preparations excluding compote	0,34%
04.2.4.2	Compote, excluding products covered by category 16	0,34%
04.2.5	Jam, jellies and marmalades and similar products	0,34%
04.2.5.1	Extra jam and extra jelly as defined by Directive 2001/113/EC	0,34%
04.2.5.2	Jam, jellies and marmalades and sweetened chestnut puree as defined by Directive 2001/113/EC	0,34%
04.2.5.3	Other similar fruit or vegetable spreads	0,34%
04.2.5.4	Nut butters and nut spreads	0,34%
04.2.6	Processed potato products	0,34%
05.	Confectionery	0,34%
05.1	Cocoa and chocolate products as covered by Directive 2000/36/EC	0,34%
05.2	Other confectionery including breath refreshing microsweets	0,34%
05.3	Chewing gum	0,34%
05.4	Decorations, coatings and fillings, except fruit based fillings covered by category 4.2.4	0,34%
06.	Cereals and cereal products	0,34%
06.1	Whole, broken or flaked grain	0,34%
06.2	Flours and other milled products and starches	0,34%
06.2.1	Flours	0,34%
06.2.2	Starches	0,34%
06.3	Breakfast cereals	0,34%
06.4	Pasta	0,34%
06.4.1	Fresh pasta	0,34%
06.4.2	Dry pasta	N/A
06.4.3	Fresh pre-cooked pasta	0,34%
06.4.4	Potato gnocchi	0,34%
06.4.5	Fillings of stuffed pasta (ravioli and similar)	0,34%
06.5	Noodles	0,34%
06.6	Batters	0,34%
06.7	Pre-cooked or processed cereals	0,34%
07.	Bakery wares	0,34%
07.1	Bread and rolls	0,34%
07.1.1	Bread prepared solely with the following ingredients: wheat flour, water, yeast or leaven, salt	N/A
07.1.2	Pain courant français; Friss búzakenyér, fehér és félbarna kenyerek	0,34%
07.2	Fine bakery wares	0,34%
08.	Meat	0,34%
08.1	Fresh meat, excluding meat preparations as defined by Regulation (EC) No 853/ 2004	N/A
08.2	Meat preparations as defined by Regulation (EC) No 853/2004	0,34%
08.3	Meat products	0,34%
08.3.1	Non-heat-treated meat products	0,34%
08.3.2	Heat-treated meat products	0,34%



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08.3.3	Casings and coatings and decorations for meat	0,34%
08.3.4	Traditional and traditionally cured meat products with specific provisions concerning nitrites and nitrates	0,34%
08.3.4.1	Traditional immersion cured products (Meat products cured by immersion in a curing solution containing nitrites and/or nitrates, salt and other components)	0,34%
08.3.4.2	Traditional dry cured products. (Dry curing process involves dry application of curing mixture containing nitrites and/or nitrates, salt and other components to the surface of the meat followed by a period of stabilisation/maturation)	0,34%
08.3.4.3	Other traditional and traditionally cured products (including immersion and dry cured processes used in combination or where nitrite and/or nitrate is included in a compound product or where the curing solution is injected into the product prior to cooking)	0,34%
09.	Fish and fisheries products	0,34%
09.1	Unprocessed fish and fisheries products	N/A
09.1.1	Unprocessed fish	N/A
09.1.2	Unprocessed molluscs and crustaceans	N/A
09.2	Processed fish and fishery products including mollusks and crustaceans	0,34%
09.3	Fish roe	0,34%
10.	Eggs and egg products	0,34%
10.1	Unprocessed eggs	N/A
10.2	Processed eggs and egg products	0,34%
11.	Sugars, syrups, honey and table-top sweeteners	0,34%
11.1	Sugars and syrups as defined by Directive 2001/111/EC	0,34%
11.2	Other sugars and syrups	0,34%
11.3	Honey as defined in Directive 2001/110/EC	N/A
11.4	Table-top sweeteners	0,34%
11.4.1	Table-top sweeteners in liquid form	0,34%
11.4.2	Table-top sweeteners in powder form	0,34%
11.4.3	Table-top sweeteners in tablets	0,34%
12.	Salts, spices, soups, sauces, salads and protein products	0,34%
12.1	Salt and salt substitutes	0,34%
12.1.1	Salt	0,34%
12.1.2	Salt substitutes	0,34%
12.2	Herbs, spices, seasonings	0,34%
12.2.1	Herbs and spices	0,34%
12.2.2	Seasonings and condiments	0,34%
12.3	Vinegars and diluted acetic acid (diluted with water to 4-30 % by volume)	0,34%
12.4	Mustard	0,34%
12.5	Soups and broths	0,34%
12.6	Sauces	0,34%
12.7	Salads and savoury based sandwich spreads	0,34%
12.8	Yeast and yeast products	0,34%
12.9	Protein products, excluding products covered in category 1.8	0,34%
13.	Foods intended for particular nutritional uses as defined by Directive 2009/39/EC	0,34%
13.1	Foods for infants and young children	0,34%
13.1.1	Infant formulae as defined by Commission Directive 2006/141/EC	N/A
13.1.2	Follow-on formulae as defined by Directive 2006/141/EC	N/A
13.1.3	Processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC	N/A
13.1.4	Other foods for young children	N/A
13.1.5	Dietary foods for infants and young children for special medical purposes as defined by Commission Directive 1999/21/EC and special formulae for infants	N/A
13.1.5.1	Dietary foods for infants for special medical purposes and special formulae for infants	N/A



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13.1.5.2	Dietary foods for babies and young children for special medical purposes as defined in Directive 1999/21/EC	N/A
13.2	Dietary foods for special medical purposes defined in Directive 1999/21/EC (excluding products from food category 13.1.5)	0,34%
13.3	Dietary foods for weight control diets intended to replace total daily food intake or an individual meal (the whole or part of the total daily diet)	0,34%
13.4	Foods suitable for people intolerant to gluten as defined by Commission Regulation (EC) No 41/2009	0,34%
14.	Beverages	0,11%
14.1	Non-alcoholic beverages	N/A
14.1.1	Water, including natural mineral water as defined in Directive 2009/54/EC and spring water and all other bottled or packed waters	N/A
14.1.2	Fruit juices as defined by Directive 2001/112/EC and vegetable juices	N/A
14.1.3	Fruit nectars as defined by Directive 2001/112/EC and vegetable nectars and similar products	0,11%
14.1.4	Flavoured drinks	N/A
14.1.5	Coffee, tea, herbal and fruit infusions, chicory; tea, herbal and fruit infusions and chicory extracts; tea, plant, fruit and cereal preparations for infusions, as well as mixes and instant mixes of these products	N/A
14.1.5.1	Coffee, coffee extracts	0,11%
14.1.5.2	Other	→
14.2	Alcoholic beverages, including alcohol-free and low-alcohol counterparts	0,11%
14.2.1	Beer and malt beverages	N/A
14.2.2	Wine and other products defined in Part II of Annex VII to Regulation (EU) No 1308/2013	0,11%
14.2.3	Cider and perry	0,11%
14.2.4	Fruit wine and made wine	0,11%
14.2.5	Mead	0,11%
14.2.6	Spirit drinks as defined in Regulation (EU) 2019/787	0,34%
14.2.7	Aromatised wine products as defined by Regulation (EU) No 251/2014	0,11%
14.2.8	Other alcoholic beverages including mixtures of alcoholic beverages with non-alcoholic beverages and other alcoholic beverages based on distilled alcohol with alcoholic strength by volume less than 15%	0,11%
15.	Ready-to-eat savouries and snacks	0,34%
15.1	Potato-, cereal-, flour- or starch-based snacks	0,34%
15.2	Processed nuts	0,34%
16.	Desserts excluding products covered in categories 1, 3 and 4	0,34%
17.	Food supplements as defined in Directive 2002/46/EC	0,34%
17.1	Food supplements supplied in a solid form, excluding food supplements for infants and young children	0,34%
17.2	Food supplements supplied in a liquid form, excluding food supplements for infants and young children	0,34%

Q.S. : 'quantum satis' shall mean that no maximum numerical level is specified and substances shall be used in accordance with good manufacturing practice, at a level not higher than is necessary to achieve the intended purpose and provided the consumer is not misled.