

## 1. Product Overview

### 1.1 Product Description

<b>Brief Production Description</b>	White to off-white liquid with natural peppermint flavouring bottled and packed in a carton.
<b>Legal Name</b>	CBD Liquid Food Supplement with natural flavouring, 30ml.
<b>Customer</b>	Naturecan

### 1.2 Product Format

<b>Daily Dose(s)</b>	5 Sprays (0.625ml)	<b>Product Fill Volume (ml)</b>	30ml
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## 2. Main Product Components

Component Code	Description	Composition / Material	Amount / Qty per SKU
B000003	30ml Amber Glass Soda	Glass	1
BD000001	30ml Dropper cap	Screw Closure (PP, PE), Dropper (PE), Glass Pipette	1
C000187	Carton	Card (400µm Incada Exel)	1
L000187	Label	PP Silver / Permanent / HD 70	1

## 3. Product Formulation

### 3.1 Active Nutritional Ingredients

Ingredient Code	Active Ingredient	Label Claim* Per 0.625ml	Unit	% NRV	Specification	Target Level at Production** (if given)	Target Level Unit	Chemical Form	CAS Number
To be generated	NovaSOL® CBD	5	mg	-	By Input	-	-	Cannabidiol	13956-29-1

\* 2 significant figures.

\*\* Vitamins: 80-150% of label claim – possibly higher for vitamin C in liquids. Minerals: 80-145% of label claim

### 3.2 Inactive Ingredients

Ingredient Code	Ingredient	Function	Level at Production** (if given)	Target Level Unit	Chemical Form	CAS Number
R000000	Purified Water	Carrier	-	-	Chemical-form	7732-18-5
R000179	Natural Liquid Peppermint Flavouring	Flavouring	-	-	Chemical-form	-
R000066	Potassium Sorbate	Preservative	-	-	Chemical-form	24634-61-5

## 4. Product Assessment

Microbiological Analysis		Analysis of Toxins	
Parameter*	Acceptance Criteria	Toxin**	Acceptance Criteria
Total Viable Aerobic Colony Count	≤ 10 <sup>3</sup> CFU/g	Arsenic	Max 1.0 mg/kg
Total Yeast and Moulds	≤ 10 <sup>2</sup> CFU/g	Cadmium	Max 1.0 mg/kg
E. coli	Absent in 1 g	Lead	Max 3.0 mg/kg
S. aureus	≤ 10 <sup>2</sup> CFU/g	Mercury	Max 0.1 mg/kg
Salmonella spp.	Absent in 25 g	Melamine & its analogues	Absent
Listeria spp.	Absent in 25 g		
P. aeruginosa	Absent in 1 g	Dioxins, PCBs and Pesticides	Absent
Others (inc. B. cereus & Shigella spp.)	Absent in 1 g		
Other Product Testing			
Parameter	Acceptance Criteria	Method	
Appearance	White to off-white liquid with natural peppermint flavouring	Inspection	
Mean Gross Weight	80 ± 10 g	Inspection	
Mean Fill Volume	30 ± 0.3 mL	Inspection	

\*Microbiological parameter analysis is performed using AOAC approved testing procedures; \*\* Toxins are controlled from raw materials. Manufacturing processes are evaluated annually to monitor and control the generation of metallic toxins listed here.

## 5. Product Statements

### 5.1 Directions for Use

<b>Instructions for use</b>	Adults: 5 sprays daily
<b>Any other substance/process related mandatory statements required on label</b>	As an oral dietary supplement for, take 5 sprays (~ 0.625 mL) daily, preferably with food, or as directed by a healthcare practitioner. Do not exceed the stated dose. Keep out of the reach and sight of children. Food supplements should not be used as a substitute for a varied diet and healthy lifestyle. Do not use if cap seal is broken. Packaged in a protective atmosphere.

### 5.2 Intended Audience

Audience	Y/N ?
Babies (<3 years)	N
Children	N
Adults	Y
Pregnancy / Breastfeeding	Y
Elderly (> 60 years)	Y

### 5.3 Allergen Information

Allergen	Present in Raw Materials? Y/N	Source	Cross Contamination risk during manufacture? Y/N
Eggs & any derivatives	N	-	N
Milk, Milk Products & any derivatives (including Lactose)	N	-	N
Fish & any derivatives	N	-	N
Nuts, namely: Almonds, Hazelnuts, Walnuts, Cashews, Pecan Nuts, Brazil Nuts, Pistachio Nuts, Macadamia or Queensland Nuts & any derivatives	N	-	N
Peanuts & any derivatives	N	-	N
Sesame seeds & any derivatives	N	-	N
Soyabeans & any derivatives	N	-	N
Cereals containing gluten, namely: wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, & any derivatives	N	-	N
Crustaceans & any derivatives	N	-	N
Mustard & any derivatives	N	-	N
Sulphur dioxide and sulphites If Yes, indicate the concentration of SO <sub>2</sub> in mg/litre in the finished product and in the source	N	-	N
Lupin & any derivatives	N	-	N
Molluscs & any derivatives	N	-	N
Celery (including Celeriac) & any derivatives	N	-	N
Any other?	N	-	N

### 5.4 Ingredients List

Purified Water, NovaSOL® CBD (Polysorbate 80, Broad-Spectrum Distilled CBD, Mixed Tocopherols), Preservative (Potassium Sorbate), Natural Peppermint Flavouring

### 5.5 Free-from Information

Free From	Free From Y/N?	Details / Source of
Lactose	Y	-
Sucrose (Sugar)	Y	-
Sweetener	Y	-
Polyols (If yes, indicate % in overall formulation)	Y	-
Artificial Flavours	Y	-
Artificial Colours and/or Azo dyes	Y	-
Artificial Preservatives	N	Potassium Sorbate

**5.6 Animal Derivatives**

Animal Origin Material	Source Category (ruminant, non-ruminant, fish, shellfish, insects, other)	Source Species	BSE/TSE free Y/N?
-	-	-	-

**5.7 Diet**

Suitable For	Y/N?	Details if relevant (certification standard, logo, etc)
Vegetarians as per TS 106	Y	-
A Vegan diet as per TS 106	Y	-
A Halal diet	N/A	Not Halal certified
A Kosher diet	N/A	Not Kosher certified
An Alcohol Free diet	N/A	Product does not contain alcohol

**6. Durability & Storage**

Shelf Life and consumer storage before opening	24 months Store in a cool, dry place, away from children.
Shelf Life In-use & consumer storage conditions after opening (if applicable)	-
Batch Format	#####
Expiry Format	MM/YYYY
Bottle/sachet/label location	Inkjet bottle base
Carton location	Inkjet carton base

**7. Approval**

Manufacturer		Customer	
Company Name	Nutriviality Ltd	Company Name	
Address	17 Eagle Park, Alfreton Rd, Derby DE21 4BF, UK	Address	
Name	Bhanu Surikutchi	Name	
Signature		Signature	
Position	R&D Scientist	Position	
Email	<a href="mailto:bhanu.surikutchi@nutriviality.com">bhanu.surikutchi@nutriviality.com</a>	Email	
Date	12/01/2021	Date	

**Confidentiality:** This document is the confidential property of Nutriviality Ltd. Its contents are not to be copied or disclosed to any third party or used for any purpose without the approval of Nutriviality Ltd.

**8. Change History**

Version	Effective Date	Replaces	Reason for Amendment or Review	Author
1	12/01/2021	-	New document	Bhanu Surikutchi

## Product Safety Data Sheet

### Section 1: Hazards Identification

This product is not classed as hazardous. The following information is provided to assist in the safe use of our products.

### Section 2: First Aid/Safety Measures

**General Advice:** The materials in this product are intended for human consumption at a dose of 0.625mL per day. Improper use or storage outside the guidelines on the label may cause health implications.

**Eye Contact:** Rinse well with water or saline solution as a precaution.

**Skin Contact:** Wash with soap and water.

**Inhaled:** Fumes not hazardous.

**Swallowed:** Product is intended to be swallowed. If high volumes are swallowed ensure individual has access to fresh water and seek medical advice.

### Section 3: Fire Fighting Measures

Fire and explosion hazards: Packaging can act as combustible material.

Extinguishing media: Use appropriate media for the surrounding fire.

Special Fire Fighting Procedures: None.

Hazardous Combustion Products: None.

### Section 4: Accidental Release Measures

Notify safety personnel of large spills. Wear appropriate personal protection. Use absorbent materials to soak up spillage and dispose.

### Section 5: Storage and handling

Raw product should be handled in a clean room prior to sale. Appropriate personal protective equipment must be worn. Do not expose to oxygen unnecessarily. Store in a cool dry place, away from direct sunlight.

### Section 6: Exposure Controls/Personal Protection

**Exposure limits:** Recommended allowance for supplement is 0.625 mL per day. Seek medical advice if exposure is significantly higher.

**Ventilation:** None required for normal use.

**Respiratory Protection:** None required for normal use.

**Skin Protection:** None required for normal use.

**Eye Protection:** None required for normal use.

### Section 7: Physical and Chemical Properties

**Appearance and odour:** White to off-white with mint odour

**Water Solubility:** Insoluble, but dispersible

### Section 8: Stability and Reactivity

**Stability:** Stable at room temperature, or recommended storage temperature if different from room temperature.

**Degradation:** Degradation at high temperature (> 30°C) and over time, beyond shelf life.

### Section 9: Toxicological Information

**Potential Health Effects:** Overdosing with product may cause gastro-intestinal distress. Seek medical advice in case of significant overdose.

**Eye Contact:** May cause irritation to eyes.

**Skin Contact:** No health effect.

**Inhalation:** No harmful fumes.

**Ingestion:** Overdosing with product may cause gastro-intestinal distress. Seek medical advice in case of significant overdose.

### Section 10: Ecological Confirmation

No ecotoxicity data available. This product is not expected to present an environmental hazard.

### Section 11: Disposal Information

Disposal should be in accordance with national and local regulations. No special measures required.

### Section 12: Transport Information

Product should be transported in sealed containers and not subjected to temperatures of <2°C or >30°C.

### Section 13: Regulatory Information

This product is regulated by the Food Safety Act 1990, as amended by The General Food Regulations 2004 and Regulation (EC) 178/2002 and Regulation (EC) 852/2004.

**DISCLAIMER:** This Product Safety information is intended to provide a summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Nutrivitality to be dependable and is accurate to the best of the company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Nutrivitality assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.