### **CERTIFICATE OF ANALYSIS**

#### PRODUCT NAME: VANILLA EXTRACT, CO2 (MIN 12% VANILLIN)

BATCH NUMBER: 4553801

PRODUCT INCI: VANILLA PLANIFOLIA FRUIT EXTRACT PRODUCT CODE: K0746 CAS NUMBER: 8024-06-4 / 84650-63-5 EINECS NUMBER: 283-521-8

Best before date: 09/2027

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	Liquid	-
COLOUR	Yellow – Light Brown	-
Odour	CHARACTERISTIC OF VANILLA	-
SPECIFIC GRAVITY @ 20°C	0.920 - 0.990	0.946
REFRACTIVE INDEX @ 20°C	1.457 – 1.545	1.491
VANILLIN CONTENT	11.0 - 13.0	12.3

### **ALLERGEN STATEMENT**

PRODUCT NAME: VANILLA EXTRACT, CO2 (MIN 12% VANILLIN)

#### **COSMETIC ALLERGENS**

No Allergens Listed

Annex Illa			TOTAL ALLERGEN
Reference:		CAS NUMBER:	INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.000
68	BENZYL ALCOHOL	100-51-6	0.000
69	CINNAMYL ALCOHOL	104-54-1	0.000
70	CITRAL	5392-40-5	0.000
71	EUGENOL	97-53-0	0.000
72	HYDROXY-CITRONELLAL	107-75-5	0.000
73	ISO EUGENOL	97-54-1	0.000
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.000
75	BENZYL SALICYLATE	118-58-1	0.000
76	CINNAMAL	104-55-2	0.000
77	COUMARIN	91-64-5	0.000
78	GERANIOL	106-24-1	0.000
79	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	0.000
80	ANISE ALCOHOL	105-13-5	0.000
81	BENZYL CINNAMATE	103-41-3	0.000
82	FARNESOL	4602-84-0	0.000
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.000
84	LINALOOL	78-70-6	0.000
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	0.000
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	0.000
89	METHYL 2-OCTYNOATE	111-12-6	0.000
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000

#### **FOOD ALLERGENS**

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

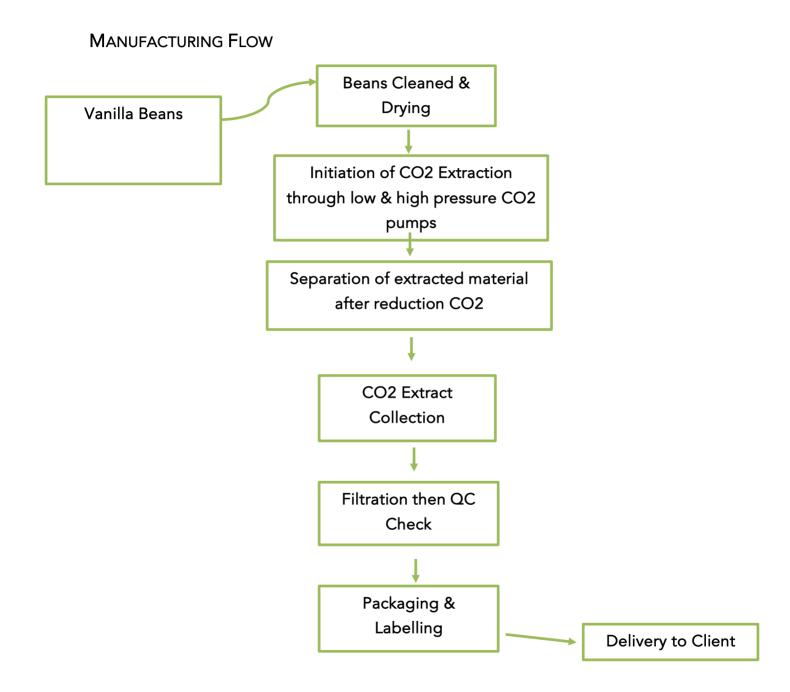
### MANUFACTURING FLOW & INCI STATEMENT

PRODUCT NAME: VANILLA EXTRACT, CO2 (12% VANILLIN)

#### **INCI STATEMENT**

We can hereby confirm the following composition breakdown & manufacturing process flow.

INCI Name	% Inclusion	CAS Number
Vanilla Planifolia Fruit Extract	100	8024-06-4 / 84650-63-5



#### **GMO Statement**

PRODUCT NAME: Vanilla Co2

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

11/07/2023

### **IFRA STATEMENT**

#### PRODUCT NAME: VANILLA EXTRACT, CO2 (12% VANILLIN)

PRODUCT INCI: VANILLA PLANIFOLIA FRUIT EXTRACT

WE certify that the above-mentioned material conforms to the IFRA 50 Code of Practice and contains the following restricted components that are listed in the  $50^{\text{TH}}$  Amendment of the IFRA Code of Practice:

#### Additional comments:

IFRA Category	% Maximum Use Level
IFRA Category 1	Not Restricted
IFRA Category 2	Not Restricted
IFRA Category 3 A, B, C, D	Not Restricted
IFRA Category 4 A, B, C, D	Not Restricted
IFRA Category 5	Not Restricted
IFRA Category 6	Not Restricted
IFRA Category 7A, B	Not Restricted
IFRA Category 7B	Not Restricted
IFRA Category 8 A, B	Not Restricted
IFRA Category 9 A, B, C	Not Restricted
IFRA Category 10 A, B	Not Restricted
IFRA Category 11	Not Restricted
IFRA Category 12	Not Restricted

Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	Applicable (leave-on products)
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes	No	Applicable (leave-on products)
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable (leave-on products)
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	Applicable (leave-on products)
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave- on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water).	NO	Applicable (rinse-off products)
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	NO	Not applicable (leave-on products without UV exposure)
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave-or products)
Category 12	Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).	NO	Not applicable (non- skin contact products)

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 8 of 18

#### Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: IDENTIFICATIO	N OF THE SUBS	TANCE/N	AIXTURE A	ND OF THE	COMPANY/U	NDERTAKING
1.1 Product Identification						
PRODUCT NAME	VANILLA EXTRACT,	СО2 (міл 1	2% Vanillin)			
<b>BIOLOGICAL DEFINITION</b>	A CONCENTRATED	EXTRACT OF	VANILLA OBTA	AINED FROM THE	FRUIT OF VANILLA	a, Vanilla Planifolia.
INCI NAME	Vanilla Panifolia	VANILLA PANIFOLIA FRUIT EXTRACT				
Synonyms & Trade Names	NA					
INTERNAL PRODUCT CODE						
CAS-No	8024-06-4 / 84650-63-5	EC NO.	-	/283-521-8	EINECS NO.	- /283-521-8
1.2						
DETAILS OF THE SUPPLIER OF THE SAFET						
	Madar Corporation					
COMPANY ADDRESS	19 - 20 Sandleheath Industrial Estate					
	Fordingbridge, SP6					
EMAIL	technical@madarco	rporatipn.o.	uk			
1.3 DETAILS OF THE SUPPLIER OF THE SAFET	Y DATA SHEET					
Emergency Contacts	0425 655 555					

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE			
CLASSIFICATION (67/548/EEC)	NOT HAZARDOUS.		
CLASSIFICATION (EU1272/2008)	NOT HAZARDOUS.		
2.2			
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.		
GHS LABEL	NONE.		
Signal Word	None.		
Contains	NO ADDITIONAL DATA AVAILABLE.		
HAZARDS STATEMENT	None.		
SIGNAL WORD	None.		
PRECAUTIONARY STATEMENTS	None.		
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	None.		
Section 16 (Other Information): Risk & Safety phrases in full.			
2.3 Other Hazards			
ADVERSE PHYSIO-CHEMICAL PROPERTIES	None.		
ADVERSE EFFECTS ON HUMAN HEALTH	NONE.		
PBT or vPvB according to Annex XIII	None		
SECTION 3: COMPOSITION OF INGR	REDIENTS		
3.1	>12.0% Vanillin CAS No: 121-33-5 EC No: 204-465-2		
SUBSTANCES	Classification (EC 1272/2008): Eye Irrit. – H319		

#### **SECTION 4: FIRST AID MEASURES**

<b>4</b> .1	
DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
INGESTION	RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
Skin Contact	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
Eye Contact	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2 Most important symptoms & effects (Acute & Delayed)	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

SECTION 5: FIRE FIGHTING MEASURES		
5.1 Extinguishing material	FOAM, CO2, DRY CHEMICAL POWDER.	
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.	
5.3 Advice for fire-fighters	STANDARD. WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES.	

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	AVOID INHALATION. AVOID CONTACT WITH SKIN AND EYES. SEE PROTECTIVE MEASURES UNDER SECTION 7
Personal precautions	AND 8
6.2	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local
ENVIRONMENTAL PRECAUTIONS	AUTHORITY GUIDELINES.
6.3	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS.
METHODS & MATERIAL FOR CONTAINMENT AND	CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL
CLEANING UP	REGULATIONS.
6.4	REFER & CONSIDER SECTION 8.
REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 13.

#### SECTION 7: HANDLING & STORAGE

7.1 Precautions for safe-handling	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.	
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTE SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.	
7.3 Specific end use(s)	FLAVOURS, FRAGRANCES: USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE.	
SECTION 8: EXPOSURE CONTROLS		
& Personal Protection		
8.1 Control Parameters	None.	
8.2 EXPOSURE CONTROLS		
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
Respiratory Equipment	UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.	
Hygiene Measures	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
ENGINEERING MEASURES	None.	
Skin Protection	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.	
Personal Protection	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.	
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.	
Process Conditions	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION.	
ENVIROMENTAL EXPOSURE CONTROLS	Avoid discharging into drainage water.	
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES		

9.1

**PHYSICAL & CHEMICAL PROPERTIES** 

Appearance	Viscous Liquid	
COLOUR	COLOUR YELLOW – BROWN	
Odour	R CHARACTERISTIC, VANILLA	
RELATIVE DENSITY		
FLASH POINT (°C)	IT (°C) >100°C.	
REFRACTIVE INDEX @ 20 °C	NO DATA.	
Solubility in water @ 20 °C	NO DATA.	
9.2 Other Information	NO DATA.	
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.	
9.2.2 NO DATA.		
SECTION 10: STABILITY & REACTIVITY		
10.1 REACTIVITY	NOT APPLICABLE.	
10.2 Chemical stability	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).	
10.3 Possibility of hazardous reactions	No.	
10.4 Conditions to avoid	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.	
10.5 INCOMPATIBLE MATERIALS	Avoid concentrated acids, alkalis & oxidising agents.	
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.	

SECTION 11: TOXICOLOGICAL INFORMATION		
11.1 Toxicological effects		
Acute Toxicity	A NON-TOXIC PRODUCT. FOR PHARMACEUTICAL & COSMETIC USE ONLY. THIS PRODUCT DOES NOT CARRY A MICROBIOLOGICAL SPECIFICATION AS IT IS STERILISED IN THE REFINING PROCESS. IT DOES NOT CONTAIN ANY IMPURITIES. THIS PRODUCT IS NOT INCLUDED IN THE LIST OF SUBSTANCES PROHIBITED IN COSMETIC PRODUCTS OR SUBJECT TO RESTRICTIONS. IT DOES NOT CONTAIN COLORANTS, PRESERVATIVES OR UV FILTERS (ANNEX II – VI OF EU REGULATION 1223/2009).	
SKIN IRRITATION	NOT APPLICABLE.	
EYE DAMAGE OR IRRITATION	NOT APPLICABLE.	
RESPIRATORY OR SKIN SENSITIVITY	NOT APPLICABLE.	
GERM CELL MUTAGENICITY	NOT APPLICABLE.	
CARCINOGENICITY	NOT APPLICABLE.	
REPRODUCTIVE TOXICITY	NOT APPLICABLE.	

	NOT APPLICABLE.
STOT – REPEATED EXPOSURE	NOT APPLICABLE.
ASPIRATION HAZARD	NOT APPLICABLE.
11.2 Information on other hazards	NOT APPLICABLE.
SECTION 12: ECOLOGICAL INFORMATION	
12.1 Τοχιςιτγ	ΝΟ ΔΑΤΑ.
12.2 Persistence & degradability	> 90% (OECD).
12.3 BIO- ACCUMULATIVE POTENTIAL	None.
12.4 Mobility in soil	None.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 ENDOCRINE DISRUPTING PROPERTIES	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
12.7 Other adverse effects	None.
SECTION 13: DISPOSAL INFORMATION 13.1 WASTE TREATMENT METHODS	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste
SECTION 14: TRANSPORT INFORMATION	REGULATIONS.
14.1 Transport Information	
UN NUMBER	ROAD: NOT CLASSIFIED SEA: NOT CLASSIFIED AIR: NOT CLASSIFIED
14.2 UN Shipping Name	NOT APPLICABLE.
14.3 Transport hazard class(es)	NOT APPLICABLE.
14.4 Packing Group	NOT APPLICABLE.
14.5 Enviromental Hazards	NOT ENVIRONMENTALLY HAZARDOUS FOR TRANSPORT.
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6-8.
14.7 Transport in bulk according to Annex 11 of MARPOL73/78 &	NOT APPLICABLE.

THE IBC CODE.	
SECTION 15: REGULATORY INFORMATION	
15.1	
PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL	
REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 2020/878 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
	OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION,
	AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN
	CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL
	REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL
	AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC,
	93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009
STATUTORY INSTRUMENTS	(S.I.2009 NO 716).
APPROVED CODE OF PRACTICE	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY.
APPROVED CODE OF FRACTICE	SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
Guidance Notes	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2	Assessment has not been carried out as this is a non-hazardous material
CHEMICAL SAFETY ASSESSMENT	ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

SECTION 16: OTHER INFORMATION		
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.		
ABBREVIATIONS & ACRONYMS:		
MSDS	MATERIAL SAFETY DATA SHEET.	
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.	
CAS	CHEMICAL ABSTRACT SERVICE.	
IMDG	International Maritime code for Dangerous Goods.	
ADR	Accord European sur le transport des merchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).	
RID	International Carriage of Dangerous Goods by Rail.	
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.	
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.	
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.	
TREM CARD	TRANSPORT EMERGENCY CARD.	
STOT	Specific Target Organ Toxicity.	

**DOCUMENTATION REVISION** 

DATE	CHANGE DESCRIPTION	
12 <sup>™</sup> February 2024	DATA LAUNCH	

### **SPECIFICATION SHEET**

PRODUCT NAME: VANILLA EXTRACT, CO2 (MIN 12% VANILLIN)

PRODUCT INCI: VANILLA PLANIFOLIA FRUIT EXTRACT

CAS NUMBER: 8024-06-4 / 84650-63-5 EINECS NUMBER: -/283-521-8 SHELF LIFE: 36 MONTHS

ANALYTICAL DETAILS	RANGE %	
APPEARANCE	Liquid	
COLOUR	Yellow – Light Brown	
Odour	CHARACTERISTIC OF VANILLA	
Specific gravity @ 20°C (g/ml)	0.920 - 0.990	
REFRACTIVE INDEX @ 20°C	1.457 - 1.545	
VANILLIN CONTENT (%)	11.0 - 13.0	

DATE	ISSUED BY	VERSION	<b>REASON FOR UPDATE</b>
10/08/2023	M.R-L	1.0	New Document

#### Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Vanilla Co2

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

11/07/2023