Certificate Of Analysis

Vanilla Colour Stabiliser

Batch Number: 4570604 Best Before Date: February 2027

Analysis Description

Specific Gravity @25 Range 1.0745 to 1.0945 1.0680 Refractive Index @20 Range 1.3510 to 1.3710 1.3560 Odor Test Olfactory **Matches Standard** Colour (Appearance) Visual Range -Colourles (G0) Colourless to Nearly Colourless (G0) (Cloudy) 1.0650 Density @25 (g/ml) Range 1.0715 to 1.0915

Results

This is a list of the 26 allergens identified by the European Union that are most likely to cause skin sensitivity. It's not a complete list of the ingredients in this fragrance oil. In the EU, you must include these ingredients on the label if they're present in concentrations exceeding 0.001% in leave-on products like lotion, and 0.01% in rinse-off products like soap. This is not a requirement for products sold in the USA.

EU Allergens Statement

Product Name

Vanilla Color Stabilizer

Concentration (%)			
Not Present			

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 2 of 11

This report reflects the approved usage rates for this fragrance formula based on the International Fragrance Association (IFRA) 51st Amendment standards. These rates should be used for new products created after March 30, 2024 and for existing products created after October 29, 2025.

IFRA Statement - 51st Amendment

Product Name

Vanilla Color Stabilizer

Category	Max. Usage (%)			
1	N/A			
2	100.00			
3	100.00			
4	100.00			
5a	100.00			
5b	100.00			
5c	100.00			
5d	100.00			
6	N/A			
7a	100.00			
7b	100.00			
8	100.00			
9	100.00			
10a	100.00			
10b	100.00			
11a	100.00			
11b	100.00			
12	100.00			

The IFRA Standards regarding usage restrictions are based on safety assessments by the Panel of Experts on the Research Institute for Fragrance Materials (RIFM) 51st Amendment, and are enforced by the IFRA Scientific Committee. Evaluation of individual fragrance ingredients are made according to the safety standards contained in the relevant section of the IFRA Code of Practice. It is your responsibility to ensure the safety of the final product with more testing if needed.

Confidential Formula - Trade Secret

Identity of the perfume oil: Vanilla Colour Stabliser

To Whom It May Concern:

The above mentioned product is considered a Synthetic Blend, whose INCI name would be "Fragrance," consisting entirely of Synthetic Aroma Chemicals.

Please do not hesitate to contact me should you have any further questions.

Thank you!

Safety Data Sheet Vanilla Color Stabilizer

August 18, 2020

Section 1: Chemical Product and Company Identification

Product name:	Vanilla Color Stabilizer		
Contact Info:	Madar Corporation Limited		
	19 - 20 Sandleheath Industrial Estate		
	Fordingbridge		
	SP6 1PA		
	01425 655 555		
	technical@madarcorporation.co.uk		
Emergency Phone Number:			
	Within USA & Canada: 1.800.424.9300 CCN693143		
	Outside USA & Canada: +1.703.527.3887 (collect calls accepted)		

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS

Not considered Hazardous Based on available data, classification & labeling was not considered necessary Classification OSHA (Provisions 1910.1200 of title 29)

Not considered Hazardous Based on available data, classification & labeling was not considered necessary Classification Other

Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms: Based on available data, classification & labeling was not considered necessary Signal Word: NONE

Hazard statements: No Warning required

Precautionary Statements

Prevention: No Warning required

Response: No Warning required

2.3 Other Hazards

No data available

Section 3: Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

See Section 16 for full text of GHS classification codes Total Hydrocarbon Content (% w/w) = 0.00

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist. **Skin Exposure:** Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

Refer to Section 2.2 "Response"

Section 5: Fire-Fighting Measures

5.1 Extinguishing mediaSuitable: Carbon dioxide (CO2), Dry chemical, FoamUnsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture During fire fighting: Water may be ineffective

5.3 Advice for firefighters Further information: Standard procedure for chemical fires

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

Section 7: Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values. **Engineering Controls:** Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid Odor: Conforms to Standard Color: Conforms to Standard Viscosity: Liquid

Freezing Point: Not determined Boiling Point: Not determined Melting Point: Not determined Flashpoint (CCCFP): >200 F (93.33 C) Auto flammability: Not determined Explosive Properties: None Expected Oxidizing properties: None Expected Vapor Pressure (mmHg@20 C): 0.0000 %VOC: 0.02 Specific Gravity @ 25 C: 1.0850 Density @ 25 C: 1.0820 Refractive Index @ 20 C: 1.3610 Soluble in: Water

Section 10: Stability and Reactivity

Reactivity None Chemical stability Stable Possibility of hazardous reactions None known Conditions to avoid None known Incompatible materials Strong oxidizing agents, strong acids, and alkalis Hazardous decomposition products None known

Section 11: Toxicological Information

11.1 Toxicological Effects Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg: Not classified - the classification criteria are not met Acute toxicity - Dermal - (Rabbit) mg/kg: Not classified - the classification criteria are not met Acute toxicity - Inhalation - (Rat) mg/L/4hr: Not classified - the classification criteria are not met Skin corrosion / irritation: Not classified - the classification criteria are not met Serious eye damage / irritation: Not classified - the classification criteria are not met Respiratory sensitization: Not classified - the classification criteria are not met Skin sensitization: Not classified - the classification criteria are not met Skin sensitization: Not classified - the classification criteria are not met Germ cell mutagenicity: Not classified - the classification criteria are not met Carcinogenicity: Not classified - the classification criteria are not met Reproductive toxicity: Not classified - the classification criteria are not met Specific target organ toxicity - single exposure: Not classified - the classification criteria are not met Specific target organ toxicity - repeated exposure: Not classified - the classification criteria are not met Aspiration hazard: Not classified - the classification criteria are not met

Section 12: Ecological Information

12.1 Toxicity

Acute aquatic toxicity: Not classified - the classification criteria are not met Chronic aquatic toxicity: Not classified - the classification criteria are not met Toxicity Data on soil: No data available.

Toxicity on other organisms: No data available.

- 12.2 Persistence and degradability: No data available.
- 12.3 Bioaccumulative potential: No data available.
- 12.4 Mobility in soil: No data available.
- 12.5 Other adverse effects: No data available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company.

Section 14: Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
ADR/RID (International Road/Rail)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
IATA (Air Cargo)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
IMDG (Sea)	Not Regulat	ed - Not Dangero	ous Goods	
Chemicals NOI				

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt. 40 CFR (EPCRA, SARA, CERCLA and CAA): This product contains NO components of concern.

 U.S. State Regulations:

 California Proposition 65 Warning:
 This product contains the following components:

 111-42-2
 <= 15ppm</td>
 N, N-Diethanolamine

Canadian Regulations:

DSL: 100% of the components are listed or exempt.

Section 16: Other Information

GHS H-Statements referred to under section 3

Total Fractional Values (TFV) Risk

(TFV) Risk

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: VANILLA COLOR STABILISER

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.

This product does not contain any of the following:

1) Nuts, including Almond and Peanut

2) Wheat or Glutens

3) Milk

4) Sesame

5) Fish or Shellfish

6) Sulfites

7) Eggs

8) Soybean

28/10/19