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**Safety Data Sheet****FD&C BLUE 1/E133**

Safety Data Sheet dated: 13/07/2021 - version 2

Date of print: 13/07/2021

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the substance:

Trade name: FD&amp;C BLUE 1/E133

Trade code: 051FDC

Product type and use: FD&amp;C BLUE # 1 E133 BRILLIANT BLUE FCF

CAS number: 3844-45-9

EC number: 223-339-8

Registration Number 01-2120740569-45-XXXX

Index number: 42090

ID number C&amp;L inventory: N.A.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use: Product for Food and Pharma industry

Uses Advised Against: All different from advised

**1.3. Details of the supplier of the safety data sheet**

Company:

AROMATAGROUP Srl Via Guido Rossa, 10 - 20863 Concorezzo (MB) / Via C. Romani, 35 - 20091 Bresso (MI)

Tel +39 039.51.69.601 +39 02.66501970

Mail: regulatory.affairs@aromatagroup.com

**1.4. Emergency telephone number**

AROMATAGROUP Srl tel +39 02.66501970 / +39 039.5169601 (only during office hours).

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**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) n. 1272/2008 (CLP)**

0 The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

**2.2. Label elements**

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

**2.3. Other hazards**

No PBT Ingredients are present

Other Hazards: No other hazards

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**SECTION 3: Composition/information on ingredients****3.1. Substances**

Substance Identifications: FD&amp;C BLUE 1/E133

CAS number: 3844-45-9

EC number: 223-339-8

### 3.2. Mixtures

N.A.

#### Hazardous components within the meaning of the CLP regulation and related classification:

None

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### 4.2. Most important symptoms and effects, both acute and delayed

N.A.

### 4.3. Indication of any immediate medical attention and special treatment needed

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

## **7.2. Conditions for safe storage, including any incompatibilities**

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

## **7.3. Specific end use(s)**

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

No data available

### **8.2. Exposure controls**

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

N.A.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Physical State: Powder ( CQ/AP )

Appearance: Not Available

Colour: Blue ( CQ/AP )

Odour/Taste: Odourless

Odour threshold: Not Available

pH: Not Available

Melting point / freezing point: Not Available

Initial boiling point and boiling range: Not Available

Flash point: Not Available

Evaporation rate: Not Available

Upper/lower flammability or explosive limits: Not Available

Vapour density: Not Available

Vapour pressure: Not Available

Solubility: Water dispersible

Relative density: Not Available

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available

Viscosity: Not Available

Explosive properties: Not Available

Oxidizing properties: Not Available

Flammability (Solid, Gas): Not Available

### **9.2. Other information**

Substance Groups relevant properties Not Available

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: Not Available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Data not available.

### 10.3. Possibility of hazardous reactions

None.

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological Information of the Preparation

|                                      |  |
|--------------------------------------|--|
| a) acute toxicity                    | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation         | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| c) serious eye damage/irritation     | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| d) respiratory or skin sensitisation | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| e) germ cell mutagenicity            | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| f) carcinogenicity                   | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| g) reproductive toxicity             | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| h) STOT-single exposure              | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| i) STOT-repeated exposure            | Not classified   |
|                                      | Based on available data, the classification criteria are not met |
| j) aspiration hazard                 | Not classified   |
|                                      | Based on available data, the classification criteria are not met |

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

#### List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

No data available for the product

### 12.2. Persistence and degradability

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

## 12.5. Results of PBT and vPvB assessment

No PBT Ingredients are present

## 12.6. Other adverse effects

N.A.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

### 14.1. UN number

N.A.

### 14.2. UN proper shipping name

N.A.

### 14.3. Transport hazard class(es)

N.A.

### 14.4. Packing group

N.A.

### 14.5. Environmental hazards

N.A.

### 14.6. Special precautions for user

N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) 2015/830

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: None

Restrictions related to the substances contained: None  
Provisions related to directive EU 2012/18 (Seveso III):

N.A.

SVHC Substances:

No data available

## 15.2. Chemical safety assessment

Chemical Safety Assessment: No

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## SECTION 16: Other information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

Insert here further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

KSt: Explosion coefficient.

### Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 7. HANDLING AND STORAGE
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 15. REGULATORY INFORMATION

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