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1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 4363**

· **Product name:**

Lebensmittelfarbstoff BLAU (E131) Food colour Blue

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH
Herderstr. 31
40721 Hilden
Tel.: 02103/4994-0
Fax: 02103/32360
e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz
Langenbeckstr. 1, 55131 Mainz
Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Food color

2 Hazards identification

· **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· **Chemical characterization**

CAS-No. Substance name

20262-76-4 Patentblau V (< 1%)

C.I.-No.: 42051

C.I.-Name: Acid Blue 3, Food Blue 5

· **EINECS-No.:** 243-654-4

· **REACH Reg. No.:** 01-2120752830-56-0000

· **INCI-Name:** Acid blue 3

CAS-No. Substance name

57-55-6 1,2-Propylenglycol (15%)

· **EINECS-No.:** 200-338-0


· **REACH-Reg-No.:** 01-2119456809-23-0000

· **INCI-Name:** Propylene Glycol

CAS-No. Substance name

7732-18-5 Water (ad 100%)

· **EINECS-No.:** 231-791-2

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- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- **INCI-Name:** Aqua

4 First aid measures

- **after skin contact:** Wash away immediately with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Seek medical advice.
- **after swallowing:** Rinse immediately with plenty of water, Medical help

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures

- **Personal protective measures:** Good ventilation of working place.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

7 Handling and storage


- **Storage:**
- **Requirements for storage areas and containers:** store cool, dark and dry, if possible under inert atmosphere.
- **Additional informations to storage conditions:** After storage of more than 12 months the quality should be checked before use.

8 Exposure controls / personal protective equipment

Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses.

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9 Physical and chemical properties

- **Form:** liquid
- **Colour:** blue
- **Odour:** odourless
- **Melting point / melting range:** < 0 °C
- **Boiling point / boiling range:** ca. 100 °C
- **Flash point:** not relevant
- **Density:** (20 °C) 1,015 g/cm³
- **Solubility in / Miscibility with**
- **Water:** completely miscible
- **pH-range:** neutral

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available. Food ingredient.
- **Primary irritating effect:**
- **on skin:** Not irritant.
- **on eyes:** Not irritant.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information


- **Aquatic toxicity:**
Quantitative data about ecological effects of this product are not available.
- **General notes:** Prevent from entering sewage water or drainage ditch undiluted or unneutralized.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

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15 Regulatory information

• **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product does not need to be labelled according to GHS-regulations.

• **National regulations (Germany):**

• **Water hazard class:** see chapter 12

• **Storage class TRGS 510:** 12

• **VbF class:** -

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

• **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.