



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 12.02.2016

Version 1.0

GREEN COLOURANT

1. Identification of the substance/preparation and the company

Trade name: Green colourant
 Utilization: Cosmetic ingredient
 Supplier company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania
 Tel/Fax: +40259-436.755, office@elemental.eu
 Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

2. Hazards Identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008: none
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.
- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- GHS label elements: Void
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms: Void
- Signal word: Void
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3. Composition / Information on ingredients

Mixture: mineral/organic pigments predispersed in an aqueous medium

INCI-name: CI 74260

CAS-number: 1328-53-6 EINECS-numbe 215-524-7

Dangerous components:

CAS NO.	Description	Index	R-phrases	%
9004-82-4	Sodium laureth sulfate		Xi, 36, GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	0,01 - 5,00
90-43-7	biphenyle-2-ol		N Xi, 36/37/38-50, GHS07 Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335; GHS09 Aquatic Acute 1 - H400	0,01 - 5,00

4. First Aid

- Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

5. Fire-fighting Measures



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Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam

Protective equipment: Wear fully protective suit. Do not smoke. Respiratory and eye protection required for fire crews when exposed to smoke or fumes.

6. Accidental release measures:

- Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
- Environmental precautions:
Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
- Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to Section 13.

7. Handling and Storage

- Handling:
 - Precautions for safe handling
Store in cool, dry place in tightly closed receptacles. Open and handle receptacle with care. Stir before use.
 - Information about fire - and explosion protection:
No special measures required.
 - Storage:
 - Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: T°: <25°C. After opening, product must be rechecked every year
Protect from exposure to heat and light. Store receptacle in a well ventilated area. Caution when reopening receptacles with broken seal.

8. Exposure Controls and Personal Protection

- Ingredients with limit values that require monitoring at the workplace:
- Additional information: The lists valid during the making were used as basis.
- Personal protective equipment:
 - General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Store protective clothing separately.
 - Respiratory protection: Suitable respiratory protective device recommended.
 - Protection of hands: Protective gloves
 - Material of gloves: Nitrile rubber, NBR
 - Eye protection: Safety glasses
 - Body protection: Use protective suit.

9. Physical and Chemical Properties

Appearance: fluid
Colour: green
Solubility: dispersible in water; insoluble in vegetable oils



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10. Stability and Reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous decomposition products:
No dangerous decomposition products known.

11. Toxicological Information

- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values relevant for classification: Oral, LD50: > 10 g/kg
- Primary irritant effect:
- on the skin: Slightly irritant.*
- on the eye: Slightly irritant.*
- Additional toxicological information: * According to data published in literature.

12. Ecological Information

General notes:

At present there are no ecotoxicological assessments.

The product should not be released into the aquatic environment without preliminary treatments (purification plant).

13. Disposal Considerations

- Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

14. Transport Information

General recommendations:	Not dangerous product
UN no:	not classified
Road (ADR/RID):	not classified
Air (IATA/ICAO):	not classified
Sea (IMDG):	not classified
Special precautions for user:	See section 6-8
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC:	not applicable

15. Additional Regulatory Information

EU Classification: Not subject to classification according to CLP Regulation (EC) No. 1272/2008.
Not subject to classification according to Directive 67/548/EC or Directive

The product is not subject to identification regulations under EU Directives and the Ordinance on



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Hazardous Materials (German GefStoffV) .

S phrases: S29 Do not empty into drains.

16. Other Information

- Relevant phrases:

H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

H400 Very toxic to aquatic life. R 36/37/38 Irritating to eyes, respiratory system and skin. R 36 Irritating to eyes.

R 50 Very toxic to aquatic organisms.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road). RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations 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 Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

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

VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)

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

LC50: Lethal concentration, 50 percent. LD50: Lethal dose, 50 percent.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.