
MATERIAL SAFETY DATA SHEET

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

1.1 Product identifiers

Product name: LIGHT GREEN POWDER DYE

CAS number: 5141-20-8

EINECS number: 225-906-5

Product Code: DYE212

Brand: Solmedia Ltd

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

PC21: Laboratory chemicals.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product has no classification under CLP

2.2 Label elements

This product has no label elements.

2.3 Other hazards

Other hazards: None

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical identity: LIGHT GREEN POWDER DYE

CAS number: 5141-20-8

EINECS number: 225-906-5

Contains: Formula: $C_{37}H_{34}N_2Na_2O_9S_3$
Molecular Weight: 792.85 g/mol

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Flush eyes with water as a precaution.

Ingestion: Never give anything by mouth to an unconscious person.
Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: May be harmful if absorbed through skin. May cause skin irritation.

Eye contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation

Delayed / immediate effects No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of sulphur oxides. In combustion emits toxic fumes of sodium oxides.

5.3 Advice for firefighters

Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions

Not applicable.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to section 13 of SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed

Suitable packaging: Not applicable.

7.3 Specific end use(s)

No special requirement

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: No data available

DNEL / PNEC No data available

8.2 Exposure controls

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection: Respiratory protection not required.

Hand protection: Full contact
Material: Nitrile rubber

Minimum layer thickness: 0.11 mm
Break through time: 480 min Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection:	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace
Environmental:	No special requirement

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Crystalline

Melting point/range°C: 288 °C - dec.

9.2 Other safety information

Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	> 2,000	mg/kg

Symptoms / routes of exposure

Skin contact: May be harmful if absorbed through skin. May cause skin irritation.

Eye contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Delayed / immediate effects: No data available.

Other information: Not applicable

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FISH	96H LC50	1,000	mg/l

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 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as unused product.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class: This product does not require a classification for transport

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state

of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.