

## 150827 Lyreco Budget Highlighter Green

Lyreco Group (Lyreco France)

Chemwatch: 4854-50

Version No: 2.1.1.1

Safety Data Sheet (Conforms to Regulations (EC) No 453/2010)

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S.REACH.GBR.EN

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

#### 1.1. Product Identifier

|                                |  |
|--------------------------------|--|
| Product name:                  | 150827 Lyreco Budget Highlighter Green |
| Chemical Name:                 | Not Applicable                         |
| Synonyms:                      | Product Code: 150827                   |
| Proper shipping name:          | Not Applicable                         |
| Chemical formula:              | Not Applicable                         |
| Other means of identification: | Not Available                          |
| CAS number:                    | Not Applicable                         |
| EC number:                     | Not Applicable                         |
| Index number:                  | Not Applicable                         |
| REACH registration number:     | Not Applicable                         |

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

|                           |  |
|---------------------------|--|
| Relevant identified uses: | Highlighter pen., NOTE: Information on this SDS refers to ink used in pens and markers, however, it applies to these inks in bulk. |
| Uses advised against:     | Not Applicable   |

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

|                          |  |
|--------------------------|--|
| Registered company name: | Lyreco Group (Lyreco France)           |
| Address:                 | Rue du 19 Mars 1962 Marly 97770 France |
| Telephone:               | +33 3 27 23 64 00 (9a.m-5p.m. CET.)    |
| Fax:                     | Not Available                          |
| Website:                 | Not Available                          |
| Email:                   | Not Available                          |

#### 1.4. Emergency telephone number

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Association / Organisation:        | Not Available                       |
| Emergency telephone numbers:       | +33 3 27 23 64 00 (9a.m-5p.m. CET.) |
| Other emergency telephone numbers: | +33 3 27 23 64 00 (9a.m-5p.m. CET.) |

### SECTION 2 Hazards identification

#### 2.1. Classification of the substance or mixture

Not considered a dangerous mixture according to directive 1999/45/EC, Reg.

#### ChemWatch Hazard Ratings

|              | 0 | 1 | 2 | 3 | 4 |
|--------------|---|---|---|---|---|
| Flammability | 0 |   |   |   |   |
| Toxicity     | 0 |   |   |   |   |
| Body Contact | 2 |   |   |   |   |
| Reactivity   | 0 |   |   |   |   |
| Chronic      | 2 |   |   |   |   |

0 = Minimum  
1 = Low  
2 = Moderate  
3 = High  
4 = Extreme

#### DSD classification:

In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations

Not Applicable

#### Classification according to regulation (EC) No 1272/2008 [CLP]:

**Legend:** 1. Classified by Chemwatch; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

#### 2.2. Label elements

##### CLP label elements

Not Applicable

Signal word: NOT APPLICABLE

##### Hazard statement(s):

Not Applicable

##### Supplementary statement(s):

Not Applicable

##### Precautionary statement(s): Prevention

Not Applicable

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

##### Precautionary statement(s): Response

Not Applicable

##### Precautionary statement(s): Storage

Not Applicable

**Precautionary statement(s): Disposal**

Not Applicable

**DSD / DPD label elements**

Not Applicable

Relevant risk statements are found in section 2.1

**Indication(s) of danger:** Not Applicable

**Safety advice:**

S02 Keep out of reach of children.

**2.3. Other hazards**

May produce discomfort of the eyes, respiratory tract and skin\*.

Cumulative effects may result following exposure\*.

**SECTION 3 Composition / information on ingredients**

**3.1. Substances**

See 'Composition on ingredients' in Section 3.2

**3.2. Mixtures**

| 1. CAS No<br>2. EC No<br>3. Index No<br>4. REACH No                          | %[weight] | Name                                       | Classification according to directive 67/548/EEC [DSD] | Classification according to regulation (EC) No 1272/2008 [CLP] |
|--|-----------|--|--|--|
|  |           | ink containing                             |  |  |
| 1. Not Available<br>2. Not Available<br>3. Not Available<br>4. Not Available | 100       | ingredients determined to be non-hazardous | Not Applicable   | Not Applicable   |

**Legend:** 1. Classified by Chemwatch; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

**SECTION 4 First aid measures**

**4.1. Description of first aid measures**

**General:**

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.
- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

If this product comes in contact with eyes:

- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Treat symptomatically. If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

**Eye Contact:**

If this product comes in contact with eyes:

- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin Contact:**

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

**Inhalation:**

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

**Ingestion:**

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

See Section 11

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

Treat symptomatically.

**SECTION 5 Firefighting measures**

**5.1. Extinguishing media**

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used.

**5.2. Special hazards arising from the substrate or mixture**

**Fire Incompatibility:**

None known.

**5.3. Advice for firefighters**

**Fire Fighting:**

- Alert Fire Brigade and tell them location and nature of hazard.

**Fire/Explosion Hazard:**

- The material is not readily combustible under normal conditions.

**SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

See section 8

**6.2. Environmental precautions**

See section 12

**6.3. Methods and material for containment and cleaning up****Minor Spills:**

- Clean up all spills immediately.

**Major Spills:**

Moderate hazard.

**6.4. Reference to other sections**

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

**SECTION 7 Handling and storage****7.1. Precautions for safe handling****Safe handling**

- Limit all unnecessary personal contact.

**Fire and explosion protection**

See section 5

**Other information**

- Store in original containers.

**7.2. Conditions for safe storage, including any incompatibilities****Suitable container:**

- Polyethylene or polypropylene container.

**Storage incompatibility:**

None known

**Package Material Incompatibilities:****7.3. Specific end use(s)**

See section 1.2

**SECTION 8 Exposure controls / personal protection****8.1. Control parameters****Derived No Effect Level (DNEL)**

| Exposure Pattern                          | Workers       | General Population |
|---|---------------|--------------------|
| Long term - dermal, systemic effects      | Not Available | Not Available      |
| Long term - inhalation, systemic effects  | Not Available | Not Available      |
| Long term - oral, systemic effects        | Not Available | Not Available      |
| Long term - dermal, local effects         | Not Available | Not Available      |
| Long term - inhalation, local effects     | Not Available | Not Available      |
| Short term - dermal, systemic effects     | Not Available | Not Available      |
| Short term - inhalation, systemic effects | Not Available | Not Available      |
| Short term - oral, systemic effects       | Not Available | Not Available      |
| Short term - dermal, local effects        | Not Available | Not Available      |
| Short term - inhalation, local effects    | Not Available | Not Available      |

**Predicted No Effect Level (PNEC)**

| Compartment           | Value          |
|-----------------------|----------------|
| Fresh Water           | Not Applicable |
| Marine Water          | Not Applicable |
| Aqua                  | Not Applicable |
| Fresh water sediment  | Not Applicable |
| Marine water sediment | Not Applicable |
| Soil                  | Not Applicable |
| STP                   | Not Applicable |
| ORAL                  | Not Applicable |

**Occupational Exposure Limits (OEL)****INGREDIENT DATA**

| Source        | Ingredient    | Material name | TWA           | STEL          | Peak          | Notes         |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |

**Emergency Limits**

| Ingredient | TEEL-0 | TEEL-1 | TEEL-2 | TEEL-3 |
|------------|--------|--------|--------|--------|
|            |        |        |        |        |

| Ingredient                             | Original IDLH | Revised IDLH  |
|--|---------------|---------------|
| 150827 Lyreco Budget Highlighter Green | Not Available | Not Available |

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.

### 8.2.2. Personal protection



#### Eye and face protection:

- Safety glasses with side shields.

#### Skin protection:

See Hand protection below

#### Hand protection:

- Wear chemical protective gloves, e.g. PVC.

#### Body protection:

See Other protection below

#### Other protection:

No special equipment needed when handling small quantities.

#### Thermal hazards:

#### Recommended material(s):

##### GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:  
150827 Lyreco Budget Highlighter Green

| Material | CPI |
|----------|-----|
| BUTYL    | A   |
| NEOPRENE | A   |
| VITON    | A   |

\* CPI - Chemwatch Performance Index

#### Respiratory protection:

### 8.2.3. Environmental exposure controls

See section 12

## SECTION 9 Physical and chemical properties

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

#### Appearance

Green liquid with a very slight odour; mixes with water.

|  |                |   |                |
|--|----------------|---|----------------|
| Physical state                               | Liquid         | Relative density (Water = 1)            | 1.05-1.07      |
| Odour  | Not Available  | Partition coefficient n-octanol / water | Not Available  |
| Odour threshold                              | Not Available  | Auto-ignition temperature (°C)          | Not Applicable |
| pH (as supplied)                             | 7-10.8         | Decomposition temperature               | Not Available  |
| Melting point / freezing point (°C)          | Not Available  | Viscosity (cSt)                         | Not Available  |
| Initial boiling point and boiling range (°C) | 100            | Molecular weight (g/mol)                | Not Applicable |
| Flash point (°C)                             | Not Available  | Taste                                   | Not Available  |
| Evaporation rate                             | Not Available  | Explosive properties                    | Not Available  |
| Flammability                                 | Not Available  | Oxidising properties                    | Not Available  |
| Upper Explosive Limit (%)                    | Not Applicable | Surface Tension (dyn/cm or mN/m)        | Not Available  |
| Lower Explosive Limit (%)                    | Not Applicable | Volatile Component (%vol)               | Not Available  |
| Vapour pressure (kPa)                        | 2.3 @ 20C      | Gas group                               | Not Available  |
| Solubility in water (g/L)                    | Miscible       | pH as a solution(1%)                    | Not Available  |
| Vapour density (Air = 1)                     | Not Available  |   |                |

### 9.2. Other information

Not Available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity:

See section 7.2

### 10.2. Chemical stability:

Product is considered stable and hazardous polymerisation will not occur.

### 10.3. Possibility of hazardous reactions:

See section 7.2

### 10.4. Conditions to avoid:

See section 7.2

### 10.5. Incompatible materials:

See section 7.2

## 10.6. Hazardous decomposition products:

See section 5.3

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

#### Inhaled:

Not normally a hazard due to non-volatile nature of product

#### Ingestion:

The material has

#### Skin Contact:

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

#### Eye:

Limited evidence exists, or practical experience suggests, that the material may cause eye irritation in a substantial number of individuals and/or is expected to produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals.

#### Chronic:

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

| TOXICITY                                      | IRRITATION    |
|---|---------------|
| <b>150827 Lyreco Budget Highlighter Green</b> |               |
| Not Available                                 | Not Available |

\* Value obtained from manufacturer's msds

#### 150827 Lyreco Budget Highlighter Green

No significant acute toxicological data identified in literature search.

|   |                |                                  |                |
|---|----------------|----------------------------------|----------------|
| <b>Acute Toxicity:</b>                    | Not Applicable | <b>Carcinogenicity:</b>          | Not Applicable |
| <b>Skin Irritation/Corrosion:</b>         | Not Applicable | <b>Reproductivity:</b>           | Not Applicable |
| <b>Serious Eye Damage/Irritation:</b>     | Not Applicable | <b>STOT - Single Exposure:</b>   | Not Applicable |
| <b>Respiratory or Skin sensitisation:</b> | Not Applicable | <b>STOT - Repeated Exposure:</b> | Not Applicable |
| <b>Mutagenicity:</b>                      | Not Applicable | <b>Aspiration Hazard:</b>        | Not Applicable |

### CMR STATUS

## SECTION 12 Ecological information

### 12.1. Toxicity

**DO NOT**

### 12.2. Persistence and degradability

| Ingredient    | Persistence: Water/Soil | Persistence: Air |
|---------------|-------------------------|------------------|
| Not Available | Not Available           | Not Available    |

### 12.3. Bioaccumulative potential

| Ingredient    | Bioaccumulation |
|---------------|-----------------|
| Not Available | Not Available   |

### 12.4. Mobility in soil

| Ingredient    | Mobility      |
|---------------|---------------|
| Not Available | Not Available |

### 12.5. Results of PBT and vPvB assessment

|   | P             | B             | T             |
|---|---------------|---------------|---------------|
| <b>Relevant available data</b>          | Not Available | Not Available | Not Available |
| <b>PBT and vPvB Criteria fulfilled?</b> | Not Available | Not Available | Not Available |

### 12.6. Other adverse effects

No data available

## SECTION 13 Disposal considerations

### 13.1. Waste treatment methods

#### Product / Packaging disposal:

- Recycle wherever possible or consult manufacturer for recycling options.

#### Waste treatment options:

#### Sewage disposal options:

No relevant data

## SECTION 14 Transport information

#### Labels Required:

Marine Pollutant: NO

#### HAZCHEM:

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

|                                      |                |                                   |                  |
|--------------------------------------|----------------|-----------------------------------|------------------|
| <b>14.1. UN number</b>               | Not Available  | <b>14.4. Packing group</b>        | Not Available    |
| <b>14.2. UN proper shipping name</b> | Not Applicable | <b>14.5. Environmental hazard</b> | No relevant data |

|                                  |          |                                    |                                |
|----------------------------------|----------|------------------------------------|--------------------------------|
| 14.3. Transport hazard class(es) | Class:   | 14.6. Special precautions for user | Hazard identification (Kemler) |
|                                  | Subrisk: |                                    | Classification code            |
|                                  |          |                                    | Hazard Label                   |
|                                  |          |                                    | Special provisions             |
|                                  |          |                                    | limited quantity               |

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

|                                  |                      |                                    |  |
|----------------------------------|----------------------|------------------------------------|--|
| 14.1. UN number                  | Not Available        | 14.4. Packing group                | Not Available  |
| 14.2. UN proper shipping name    |                      | 14.5. Environmental hazard         | No relevant data   |
| 14.3. Transport hazard class(es) | ICAO/IATA Class:     | 14.6. Special precautions for user | Special provisions:  |
|                                  | ICAO / IATA Subrisk: |                                    | Cargo Only Packing Instructions:                           |
|                                  | ERG Code:            |                                    | Cargo Only Maximum Qty / Pack:                             |
|                                  |                      |                                    | Passenger and Cargo Packing Instructions:                  |
|                                  |                      |                                    | Passenger and Cargo Maximum Qty / Pack:                    |
|                                  |                      |                                    | Passenger and Cargo Limited Quantity Packing Instructions: |
|                                  |                      |                                    | Passenger and Cargo Maximum Qty / Pack:                    |

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

|                                  |               |                                    |                     |
|----------------------------------|---------------|------------------------------------|---------------------|
| 14.1. UN number                  | Not Available | 14.4. Packing group                | Not Available       |
| 14.2. UN proper shipping name    |               | 14.5. Environmental hazard         | No relevant data    |
| 14.3. Transport hazard class(es) | IMDG Class:   | 14.6. Special precautions for user | EMS Number:         |
|                                  | IMDG Subrisk: |                                    | Special provisions: |
|                                  |               |                                    | Limited Quantities: |

**Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

|                                  |               |                                    |                     |
|----------------------------------|---------------|------------------------------------|---------------------|
| 14.1. UN number                  | Not Available | 14.4. Packing group                | Not Available       |
| 14.2. UN proper shipping name    |               | 14.5. Environmental hazard         | No relevant data    |
| 14.3. Transport hazard class(es) | :             | 14.6. Special precautions for user | Classification code |
|                                  |               |                                    | Limited quantity    |
|                                  |               |                                    | Equipment required  |
|                                  |               |                                    | Fire cones number   |

**Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code**

Not Applicable

**SECTION 15 Regulatory information**

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

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Regulation (EU) No 453/2010, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999

**15.2. Chemical safety assessment**

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

**ECHA SUMMARY**

**SECTION 16 Other information**

**Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

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