



# Optik

## Blue Spray Dye Indicator

### Material Safety Data Sheet

Issue: 04 - Jan 2021

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

**1.1 Product Identifier** Optik Blue Spray Dye Indicator

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

Relevant uses: Colourant in solution. For professional use only.  
Uses advised against: All uses not specified in this section or in section 7.3

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

Company: Indigrow Ltd, The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH. UK.  
Phone: +44 (0) 1189 710 995  
Email: growth@indigrow.com

**1.4. Emergency telephone number** +44 (0) 7725 962 366

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#### SECTION 2: Hazards Identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]:  
Not classified  
Adverse physicochemical, human health and environmental effects:  
No additional information available

**2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:  
No labelling applicable

**2.3. Other hazards**

No additional information available

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#### SECTION 3: Composition/Information on Ingredients

**3.1. Substance**

Non-applicable

**3.2. Mixture**

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II.

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#### SECTION 4: First-Aid Measures

**4.1. Description of first aid measures**

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.  
First-aid measures after skin contact: Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.  
First-aid measures after ingestion: Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects after inhalation: Under normal conditions of use, no adverse effects to health have been observed. May cause respiratory irritation.

Symptoms/effects after skin contact:

Under normal conditions of use, no adverse effects to health have been observed. May cause irritation to skin.

Symptoms/effects after eye contact:

Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion: Under normal conditions of use, no adverse effects to health have been observed.

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

Treat symptomatically.

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### SECTION 5: Fire-Fighting Measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media: Do not use water jet.

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

Fire hazard: In case of fire and/or explosion do not breathe fumes. Decomposition products may be a hazard to health.

Reactivity in case of fire: None known.

Hazardous decomposition products in case of fire:  
Hazardous vapours may be released.

#### 5.3. Advice for fire-fighters

Precautionary measures fire: Evacuate area. Eliminate all ignition sources if safe to do so.

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental Release Measures

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

General measures: Ensure adequate ventilation. Eliminate every possible source of ignition. Evacuate area.

Protective equipment: Concerning personal protective equipment to use, see section 8. Do not attempt to take action without suitable protective equipment.

Emergency procedures: Evacuate unnecessary personnel. Ventilate area.

#### 6.2. Environmental precautions

No additional information available.

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

For containment: Collect spillage.

Methods for cleaning up: Take up liquid spill into dry absorbent material e.g.: dry sand/earth/vermiculite. Sweep or shovel spills into appropriate container for disposal.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".



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#### SECTION 7: Handling and Storage

##### 7.1. Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling: Ensure adequate ventilation. In case of inadequate ventilation wear respiratory protection. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Hygiene measures: Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

Storage conditions: Keep container tightly closed in a cool, well-ventilated place.

Incompatible products: Strong acids. Strong bases.

Incompatible materials: Sources of ignition. Direct sunlight.

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

No additional information available.

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#### SECTION 8: Exposure Controls/Personal Protection

##### 8.1. Control parameters

No additional information available.

##### 8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Type: Chemical resistant gloves (according to European standard EN 374 or equivalent)

Material: Nitrile rubber (NBR), Butyl rubber, Latex, Polyvinylchloride (PVC), Neoprene protective gloves

Permeation: 6 (> 480 minutes)

Penetration: Gloves must be replaced after each use and whenever signs of wear or perforation appear

Standard: EN ISO 374

Eye protection: Type: Safety glasses, Safety goggles

Use: Droplet

Characteristics: With side shields

Standard: EN 166

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Device: Respiratory protective device with a particle filter

Filter type: Type P1, Type P2, Type P3

Condition: Protection for Liquid particles, Vapour protection

Standard: EN 149

Other information: Do not eat, drink or smoke during use.

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#### SECTION 9: Physical and Chemical Properties

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

Physical state: Liquid

Appearance: Liquid

Colour: blue

Odour: odourless

pH: 6.5 - 7.5



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#### 9.2. Other information

No additional information available.

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#### SECTION 10: Stability and Reactivity

##### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

##### 10.2. Chemical stability

Stable under normal conditions of use.

##### 10.3. Possibility of hazardous reactions

Not established.

##### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

##### 10.5. Incompatible materials

Strong acids. Strong bases.

##### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO<sub>x</sub>).

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#### SECTION 11: Toxicological Information

##### 11.1. Information on toxicological effects

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

LD50 oral rat: > 2000 mg/kg

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#### SECTION 12: Ecological Information

##### 12.1. Toxicity

Acute aquatic toxicity: Not classified

Chronic aquatic toxicity: Not classified

LC50 fish 1: > 100 mg/l

##### 12.2. Persistence and degradability

Not established.

##### 12.3. Bioaccumulative potential

Not established.

##### 12.4. Mobility in soil

No additional information available.



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#### 12.5. Results of PBT and vPvB assessment

No additional information available.

#### 12.6. Other adverse effects

No additional information available.

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### SECTION 13: Disposal Considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations:

Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials:

Avoid release to the environment.

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### SECTION 14: Transport Information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

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### SECTION 15: Regulatory Information

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

EU-Regulations:

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

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### 16. OTHER INFORMATION

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

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