



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

1.1 Product Identifier Optik Bronco

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

Relevant uses: Colourant. 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

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]:

EUH208: 1,2-benzisothiazol-3(2H)-one & 2-octyl-4-isothiazolin-3-one. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

2.3. Other hazards

Non-applicable

SECTION 3: Composition/Information on Ingredients

3.1. Substance

Non-applicable

3.2. Mixture

Name	Percentage	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dispersing Agent considered proprietary by manufacturer	< 9	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412

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).
After inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
After skin contact:	Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
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.
After ingestion:	Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

After inhalation:	Under normal conditions of use, no adverse effects to health have been observed. May cause respiratory irritation.
After skin contact:	May cause an allergic skin reaction. irritation (itching, redness, blistering).
After eye contact:	Direct contact with the eyes is likely to be irritating.
After ingestion:	Under normal conditions of use, no adverse effects to health have been observed.
Chronic symptoms:	None known.

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

Treat symptomatically.

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.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

8.21 Personal precautions, protective equipment and emergency procedures		
General measures:	Ensure adequate ventilation. Eliminate every possible source of ignition. Evacuate area.	
For non-emergency personnel:	Protective equipment:	Concerning personal protective equipment to use, see section 8.
	Emergency procedures:	Evacuate unnecessary personnel.
For emergency responders:	Protective equipment:	Do not attempt to take action without suitable protective equipment.
	Emergency procedures:	Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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".

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.

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: Refer to manufacturer's information
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: Chemical goggles or safety glasses. Refer to manufacturer's information
Type: Safety glasses, Safety goggles
Use: Droplet
Characteristics: With side shields
Standard: EN 166

Skin and body protection: Wear suitable protective clothing



Optik Bronco

Material Safety Data Sheet

Issue: 01 - Dec 2020

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 4 of 6

Respiratory protection:	Wear appropriate mask
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.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Liquid
Colour:	light green
Relative density at 20 °C:	1.36 - 1.42
pH:	4 - 6

9.2. Other information

No additional information available

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_x).

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

SECTION 12: Ecological Information

12.1. Toxicity

Not available.

12.2. Persistence and degradability

Not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Other adverse effects

Avoid release to the environment..

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations:

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

Additional information:

Do not re-use empty containers.

Ecology-waste materials:

Avoid release to the environment.

SECTION 14: Transport Information

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

SECTION 15: Regulatory Information

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

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

The supplier has not carried out evaluation of chemical safety.



Optik Bronco

Material Safety Data Sheet

Issue: 01 - Dec 2020

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 6 of 6

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.

ISSUE 1 12/20 GCL
