

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

**1.1 Product Identifier**                      Optik SuperSeeker Divot Mix Dye

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
 Relevant uses:                                      Colourant. For professional use only.

**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 under CHIP:                      This product has no classification under CHIP.  
 Classification under CLP:                        This product has no classification under CLP.

**2.2. Label elements**

Label elements under CHIP:  
 Hazard symbols:                                      No significant hazard.

**2.3. Other hazards**

PBT:    This substance is not identified as a PBT substance.

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

**3.1. Substances**

Non-applicable

**3.2. Mixture**

Hazardous ingredients:

	EINECS	CAS	CHIP Classification	CLP Classification	Percent
Calcium Carbonate	-	1317-65-3	Substance with a Community workplace exposure limit.	-	70-90%
Yellow Iron Oxide	-	20344-49-4	Substance with a Community workplace exposure limit.	-	10-30%
Black Iron Oxide	-	1317-61-9	Substance with a Community workplace exposure limit.	-	1-10%
C.I.Pigment Green 7	-	1328-053-6	Substance with a Community workplace exposure limit.	-	1-10%
Dispersant	-	8061-051-6	Substance with a Community workplace exposure limit.	-	1-10%

#### SECTION 4: First-Aid Measures

**4.1. Description of first aid measures**

Skin contact:    Wash immediately with plenty of soap and water.  
 Eye contact:    Bathe the eye with running water for 15 minutes.  
 Ingestion:    Wash out mouth with water.  
 Inhalation:    Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

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

Non-applicable

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### SECTION 5: Fire-Fighting Measures

#### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

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

Exposure hazards: Carbon monoxide, carbon dioxide, oxides of nitrogen and chlorinated compounds may be evolved during combustion or thermal degradation.

#### 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### Additional provisions:

Non-applicable

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### SECTION 6: Accidental Release Measures

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

Refer to section 8 of SDS for personal protection details.

#### 6.2. Environmental precautions

Do not discharge into drains or rivers.

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

Clean-up procedures: Transfer to a suitable container.

#### 6.4. Reference to other sections

Non-applicable

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### SECTION 7: Handling and Storage

#### 7.1. Precautions for safe handling

Avoid the formation or spread of dust in the air. Ensure there is exhaust ventilation of the area.

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

Storage conditions: Store in cool, well ventilated area.  
Suitable packaging: Must only be kept in original packaging.

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

Non-applicable.

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

##### 8.1. Control parameters

Hazardous ingredients:

		Workplace exposure limits		Respirable dust	
		8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
Calcium Carbonate	UK	-	-	4 mg/m <sup>3</sup>	-
Yellow Iron Oxide	UK	-	-	4 mg/m <sup>3</sup>	-
Black Iron Oxide	UK	-	-	4 mg/m <sup>3</sup>	-
C.I.Pigment Green 7	UK	-	-	4 mg/m <sup>3</sup>	-
Dispersant	UK	-	-	4 mg/m <sup>3</sup>	-

##### 8.2. Exposure controls

Engineering measures:	Ensure there is exhaust ventilation of the area.
Respiratory protection:	Respiratory protective device with particle filter.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

#### SECTION 9: Physical and Chemical Properties

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

State:	Powder
Colour:	Green
Odour:	Odourless
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Insoluble
Relative density:	2.8
pH:	7-9

##### 9.2. Other information

Non-applicable

#### SECTION 10: Stability and Reactivity

##### 10.1. Reactivity

Not applicable.

##### 10.2. Chemical stability

Chemically stable under the conditions of storage, handling and use.

##### 10.3. Possibility of hazardous reactions

Not applicable.

##### 10.4. Conditions to avoid

Heat

##### 10.5. Incompatible materials

Acids

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#### 10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, oxides of nitrogen and chlorinated compounds may be evolved during combustion or thermal degradation. Contact with acids liberates toxic gas.

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#### SECTION 11: Toxicological Information

##### 11.1. Information on toxicological effects

Symptoms/route of exposure:

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

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#### SECTION 12: Ecological Information

##### 12.1. Toxicity

Not available.

##### 12.2. Persistence and degradability

Not biodegradable.

##### 12.3. Bioaccumulative potential

No bioaccumulation potential.

##### 12.4. Mobility in soil

Insoluble in water.

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

This substance is not identified as a PBT substance.

##### 12.6. Other adverse effects

Negligible ecotoxicity. Discharges to water courses should be avoided to prevent the exclusion of natural light affecting fauna.

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#### SECTION 13: Disposal Considerations

##### 13.1. Waste treatment methods

Disposal operations:	Deposit into or on to land (e.g. landfill, etc.)
Disposal of packaging:	Dispose of as normal industrial waste.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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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**

Non-applicable.

##### **15.2. Chemical Safety Assessment**

The supplier has not carried out evaluation of chemical safety.

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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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