

# Safety Data Sheet in accordance with Regulation (EU) No.453/2010



**Indosol Dark Blue GL p**

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Substance key: KS8511

Revision Date: 20.09.2013

Version : 1 - 0 / EU

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

### 1.1. Product identifier

Trade name

Indosol Dark Blue GL p

Material number: 102166

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

Relevant identified uses of the substance or mixture

Industry sector :

Textile processing industry

Type of use :

textile dye

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

Identification of the company

Archroma Management GmbH

Neuhofstrasse 11

4153 Reinach, Switzerland

Telephone no. : +41 61 469 5111

Information about the substance/mixture

Product Stewardship +41 61 469 5111

e-mail: PS.MSDS-Europe@archroma.com

### 1.4. Emergency telephone number

+49 69 2222 5285, +33 1 7211 0003, +39 0236 042 884 (24 h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Hazard class	Hazard category	H-pharse
Eye irritation	Category 2	Causes serious eye irritation.

Classification according EC Directive (67/548/EEC or 1999/45/EC, as amended)

Category of Hazard danger/Category	symbol R - phrases	
	Irritant	Irritating to eyes.

### 2.2. Label elements

Labelling in accordance with EC-Directives (67/548/EEC or 1999/45/EC, as amended)

Labelling according to EC Directives:

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Symbols/Indications of danger



Irritant

R phrases

36 Irritating to eyes.

S phrases

39 Wear eye/face protection.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

25 Avoid contact with eyes.

22 Do not breathe dust.

### 2.3. Other hazards

No additional hazards are known except those derived from the labeling.

## SECTION 3: Composition/information on ingredients

### 3.1. Mixtures

#### Chemical characterization

azo dyestuff  
anionic

#### Hazardous ingredients

##### Sodium Carbonate

Concentration : 3-5%  
CAS number : 497-19-8  
EC number : 207-838-8  
Hazard symbols : Xi  
R phrases : 36

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Seek medical assistance if discomfort continues

#### After inhalation

Immediately seek fresh air after inhaling of dust, vapour or aerosol.  
Immediately seek fresh air after inhaling of dust, vapour or aerosol.  
Immediately seek fresh air after inhaling of dust, vapour or aerosol.  
Immediately seek fresh air after inhaling of dust, vapour or aerosol.  
Immediately seek fresh air after inhaling of dust, vapour or aerosol.

#### After contact with skin

In case of contact with skin wash off immediately with plenty of water

#### After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

#### After ingestion

If swallowed seek medical advice immediately (treat symptomatically).  
If swallowed seek medical advice immediately (treat symptomatically).  
If swallowed seek medical advice immediately (treat symptomatically).  
If swallowed seek medical advice immediately (treat symptomatically).  
If swallowed seek medical advice immediately (treat symptomatically).

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

#### Symptoms

No symptoms known currently.

#### Hazards

No hazards known at this time.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

compatible with all usual extinguishing media

**Extinguishing media that must not be used for safety reasons** No restrictions

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

carbon oxides  
nitrogen oxides  
sulfur oxides

## **5.3. Advice for firefighters**

### **Special protective equipment for firefighting**

Use self-contained breathing apparatus

### **Further information**

Cool container and metallic parts with a water spray jet  
Cool container and metallic parts with a water spray jet  
Cool container and metallic parts with a water spray jet  
Cool container and metallic parts with a water spray jet  
Cool container and metallic parts with a water spray jet

## **SECTION 6: Accidental release measures**

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

Wear suitable personal protective equipment.

### **6.2. Environmental precautions**

Do not allow entry to drains, water courses or soil

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

Pick up mechanically. Rinse away rest with water.

### **6.4. Reference to other sections**

#### **Additional information**

Combustible solid  
Take up as such and consider recycling.  
Must not be released into sewers, drains or wells.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

No special measures required.  
No special measures required.

#### **Hygiene measures**

This preparation is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract. In case of contact with the product, wash the eye immediately with running water and the skin with water and soap.

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## **Advice on protection against fire and explosion**

Organic products which are intentionally or unintentionally in powdered form have, in principle, the possibility of creating a dust explosion hazard. Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Avoid formation of dust

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

### **Further information on storage conditions**

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully. Keep away from sources of ignition.

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully. Keep away from sources of ignition.

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

No further recommendations.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Exposure limit values**

Exposure limit values are not available.

#### **DNEL/DMEL values**

DNEL/DMEL values are not available.

#### **PNEC values**

PNEC values are not available.

### **8.2. Exposure controls**

#### **General protective measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection :** Wear dust mask when handling large quantities

**Hand protection :** Chemical resistant gloves  
Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

**Eye protection :** safety glasses

**Body protection :** working clothes

## **SECTION 9: Physical and chemical properties**

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

**Physical state :** solid

**Form :** powder

**Particle size :** not tested.

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<b>Colour :</b>	dark blue
<b>Odour :</b>	none
<b>Odour threshold :</b>	not tested.
<b>pH value :</b>	approx. 9,3 (20 °C, 10 g/l)
<b>Melting point :</b>	not applicable
<b>Boiling point :</b>	not applicable ( 1.013 hPa)
<b>Flash point :</b>	not applicable
<b>Evaporation rate :</b>	not tested.
<b>Minimum ignition energy :</b>	> 1 J Not a dust explosion hazard.
<b>Vapour pressure :</b>	Not applicable
<b>Solubility in water :</b>	25 g/l (25 °C) soluble
<b>Octanol/water partition coefficient (log Pow) :</b>	Not determined
<b>Ignition temperature :</b>	not tested.
<b>Self-ignition temperature :</b>	not tested.
<b>Thermal decomposition :</b>	200 °C Method : isoperibolic decomposition test Heating rate: 0 K/min
<b>Viscosity (dynamic) :</b>	Not applicable

### 9.2. Other information

<b>Density :</b>	not tested.
<b>Bulk density :</b>	approx. 920 kg/m <sup>3</sup>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

See section 10.3. "Possibility of hazardous reactions"

### 10.2. Chemical stability

Under normal conditions the product is stable.

### 10.3. Possibility of hazardous reactions

When used and handled as intended, none.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

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not known

## 10.6. Hazardous decomposition products

When used and handled as intended, none.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information related to the product itself:

<b>Acute oral toxicity :</b>	LD50 > 2.000 mg/kg (rat) Method : OECD 401 * 1987 acute tox.oral
<b>Acute dermal toxicity :</b>	LD50 > 2.000 mg/kg (rat) Method : OECD 402 * 1987 acute tox.dermal
<b>Acute inhalation toxicity :</b>	not tested.
<b>Irritant effect on skin :</b>	non-irritant (rabbit) Method : OECD 404 * 1981 dermal irritation / corrosion
<b>Irritant effect on eyes :</b>	non-irritant (rabbit) Method : OECD 405 * 1987 eye irritation / corrosion
<b>Sensitization :</b>	not tested.
<b>Repeated dose toxicity:</b>	not tested.
<b>Genetic toxicity in vitro :</b>	not tested.
<b>Assessment of mutagenicity :</b>	not tested.
<b>Assessment of carcinogenicity :</b>	not tested.
<b>Assessment of toxicity to reproduction :</b>	not tested.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Information related to the product itself:

<b>Fish toxicity :</b>	LC50 > 1.000 mg/l (48 h, guppy (poecilia reticulata)) Method : OECD 203
	not tested.
<b>Daphnia toxicity :</b>	not tested.
<b>Algae toxicity :</b>	IC50 > 100 mg/l
<b>Bacteria toxicity :</b>	Method : OECD 209 By analogy with a similar product.

### 12.2. Persistence and degradability

#### Information related to the product itself:

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**Biodegradability :** < 10 % (BOD5/CODX100)  
Method : OECD 301 C

< 20 % (28 d)  
Method : Zahn-Wellens test  
Data From A Similar Product

**Chemical oxygen demand (COD) :** 512 mg/g

**Biochemical oxygen demand (BOD5) :** 25 mg/g  
5 d

### 12.3. Bioaccumulative potential

**Information related to the product itself:**

**Bioaccumulation:** not tested.

### 12.4. Mobility in soil

**Information related to the product itself:**

**Behaviour in environmental compartments**  
No known data.

### 12.5. Results of PBT and vPvB assessment

**Information related to the product itself:**

No data available.

### 12.6. Other adverse effects

**Information related to the product itself:**

**Additional ecotoxicological remarks**

Product does not contain any organic bound Halogens which could lead to AOX-values.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Product

Incineration in an approved, controlled furnace with combustion gas scrubbing and emission gas control.

Dispose of in accordance with local authority regulations

Dispose of in accordance with local authority regulations

Dispose of in accordance with local authority regulations

#### Uncleaned packaging

Consider recycling.

#### Composition

C; H; N; Na; O; S

## SECTION 14: Transport information



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### Section 14.1. to 14.5.

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

### 14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code (International Bulk Chemicals Code)

No transport as bulk according IBC - Code.

## SECTION 15: Regulatory information

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

#### Other regulations

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

### 15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

## SECTION 16: Other information

Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefor not be construed as guaranteeing specific properties.

### Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AOX	Adsorbable organic bound halogens
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	Non Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PEC	Predicted Environmental Concentration
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Archroma makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Archroma's products for its particular application. Nothing included in this information waives any of Archroma's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Archroma products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Archroma.