

## MATERIAL SAFETY DATA SHEET

### Section 1 - PRODUCT AND OF THE COMPANY INFORMATION

#### Product Details:

Product Name : **DIRECT BLUE 1**  
C.I. No: 24410  
CAS No: 2610-05-1

#### Company Identification:

ALLIANCE ORGANICS LLP.  
16/17, 3<sup>rd</sup> Floor, Kamdhenu Ind Estate, Mindspace,  
Malad West, Mumbai 400064, India.  
Tel: +91-22-42957551, 28725721, 28725731  
Email: [sales@allianceorganics.com](mailto:sales@allianceorganics.com)

### Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Content%	Hazardous
<b>DIRECT BLUE 1</b>	<b>100</b>	<b>NO</b>

### Section 3 - HAZARDS IDENTIFICATION

See section 8 & 15 for any precautions.

### Section 4 - FIRST AID MEASURES

In case of Swallowing : Symptomatic Treatment  
In case of Inhalation : Remove to fresh air, Symptomatic treatment  
In case of contact with eyes : Rinse immediately with plenty of water for atleast 15 minutes and seek medical advice  
In case of contact with Skin : Wash with plenty of water

### Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media : Suitable – Water Mist, Foam, Carbon, Carbon –Dioxide And Dry Agent.  
If Involved In Fires : In common with most organic substances it will burn if involved in a fire and may give off noxious fumes (e.g. carbon & nitrogen oxides) therefore use breathing apparatus.

### Section 6 - ACCIDENTAL RELEASE MEASURES

Observe any warning labels on the drum (see sections 14 & 15) and take appropriate (see section 8). bump down and soak up any spilled material immediately with non-flammable dry agent (sand, earth etc.) and shovel into containers for disposal (see section 13). remove contaminated clothing and launder or dry clean before reuse.

### Section 7 - HANDLING & STORAGE

Handling: When handling all chemicals, observe good standards of hygiene to avoid swallowing.  
Inhaling dust and eye and skin contact by the use of suitable personal protective equipment.  
It is advisable always to wear hand protection when handling chemicals in particular gloves and goggles should be worn.  
Storage : Store in a cool, ventilated area.

### Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

General : As with powders it may form dust clouds in air. Prevent dust collection by regular cleaning and the use of good ventilation and extraction systems. Keep personal exposure below 10 mg/m<sup>3</sup> (8hrtwa) for total inhalable dust and below 5mg/m<sup>3</sup> for total respirable dust (8hr twa) otherwise use respirator or suitable alternative respiratory protection.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIS

Appearance	:	Dark Blue Powder
pH	:	6.5 - 9
Melting Point	:	N/A
Flammability	:	N/A
Explosive	:	Not Explosive
Vapour Pressure	:	N/A
Solubility	:	Soluble In Water (100 Gms Per Liter.)
Fat	:	N/D
Partition Coefficient	:	N/D
Odour	:	Slight
Boiling Point	:	N/A
Flash Point	:	N/A
Auto-Flammability	:	N/A
Oxidising Properties	:	N/D
Relative Density	:	N/K
Other Data	:	None

### Section 10 - STABILITY AND REACTIVITY

Conditions To Avoid : None Known

Materials To Avoid : None Known

Hazardous Decomposition Products : None Known

### Section 11 - TOXICOLOGICAL INFORMATION

Based in information on similar or identical products, this dye is unlikely

To be harmful on swallowing (e.g. ld50>2000 mg/kg in rats) and is unlikely

To be irritating to the skin. however it may be irritating to the eyes.

### Section 12 - ECOLOGICAL INFORMATION

As a water soluble dye, its pressure in the aquatic environment will be obvious by its colour. not readily biodegradable, but may be removed by sewage digestion processes. treat to remove dye before discharge to lakes or rivers.fish toxicity lc > 500mg/l. test species – rainbow trout. testing time – 49 hrs. 50% hibition of waste water bacteria. bacteria elimination 50-100% toc static method.

### Section 13 - DISPOSAL INFORMATION

Users should acquaint themselves with local regulations. Disposal is usually carried out by burying at an approved tip or by burning under controlled conditions at a licensed waste processor (see 5.2)

### Section 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME	:	N/A	SYMBOL	:	N/A
UN NUMBER	:	N/A	PACKING GROUP	:	N/A
HAZARD CLASS	:	N/A	IATA/DGR LIMITS	:	N/A
ADR/RID	:	N/A			

## Section 15 - REGULATORY INFORMATION

Reference in annex 1 To 67/548/Eec

Components which lead to danger classification : See Section 2

Warning Symbols : XI  
Warning Words : Irritant  
Risk Phrases : R36 : Irritating to eyes.  
Safety Phrases : S22 : Do not breathe dust  
S5 : Use only in well ventilated areas  
S26 : In case of contact with eyes rinse  
With plenty of water and seek medical advise.

Abbreviations :

N/A = Not Applicable,

N/D = Not Determined,

N/K = Not Known

## Section 16 - OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practises and in conformity with any legal requirement.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. The information given and the recommendations made herein apply to our product alone and not combined with other products. Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify these data under their own operating conditions and to determine if the product is suitable for their purposes.