



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

According to Regulation EC No. 1907/2006 (REACH), EC No. 1272/2008 (CLP)

Date / Revised : 20.03.2017  
Product : PIGMENT BLUE 15:4

Revision No. \_\_\_\_

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### 1. Identification of the substance/preparation and of the Company/Undertaking

#### Product details:

Trade Name : Vibfast Blue D 2180- IRIS  
Chemical Name : PIGMENT BLUE 15:4  
REACH registration No. /  
Pre – Registration No. : 05-2114595761-37-0000

#### Company/undertaking identification:

Supplier(Manufacturer) : Vibfast Pigments Pvt. Ltd.  
Address : C-1, 91/6, Phase 1, G.I.D.C., B/h. Bank of India, Vatva,  
Ahmedabad-382 445, INDIA  
Telephone : 0091-79-32920774, 0091-79-64501424  
Fax : 0091-79-25893014  
Emergency telephone No. : 0091-79-32920774  
e-mail : [amit@vibfast.com](mailto:amit@vibfast.com),

### 2. HAZARDS IDENTIFICATION

**Hazard description** : Not applicable

**Information concerning particular hazards for human and environment** : Not applicable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization : 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper  
CAS No., description : 147-14-8,Pigment Blue 15:4, C.I. 74160  
Identification No. : EINECS No. 205-685-1

### 4. FIRST AID MEASURES

**General information** : No special measures required.

**In case of Inhalation** : Move person to fresh air. Consult doctor in event of any complaints.

**In case of Skin Contact** : Wash with soap and water.

**In case of Eye Contact** : Immediately flush eyes with water for at least 15 minutes. If discomfort persists, seek medical attention.

**In case of Ingestion** : Rinse Mouth with water. Seek medical attention.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing media** : Co<sub>2</sub>, powder or water spray, fight larger fires with water spray or alcohol resistant foam.

**Protective equipment** : Wear self-contained respiratory protective device. Wear fully protective suit.

### 6. ACCIDENTAL RELEASE MEASURES



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### Person-related safety precautions :

Use protective equipment as indicated in item 8. Avoid inhalation of dusts.

### Measures for environmental protection :

Dilute with plenty of water. Do not allow to enter sewers / surface / ground water.

### Measures for Cleaning/collecting :

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### Additional information :

No dangerous substances are released.

## 7. HANDLING AND STORAGE

**Handling** : No special measures required.

**Storage** : Store in dry and cool conditions. (+5 to +30°C), Ensure adequate ventilation, avoid formation of dust.

**Storage class** : No data.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION :

**Additional information about design of technical facilities** : No Further data. See item 7.

**Ingredients with limit values that require monitoring at the workplace** : Not require.

### Personal protective equipment :

**General protective and hygienic measures** : The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection** : Not required.

### Protection of hands :



Protective gloves

**Material of gloves** : Rubber gloves (EN 374)

**Penetration time of glove material** : The exact break through time has to found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection** : Goggles recommended during refilling. Tightly sealed goggles. (EN 166)



Tightly sealed goggles (EN 166)

**Body protection** : Protective work clothing (EN 344)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information:

Appearance : Powder  
Color : Blue  
Odour : Odourless

### Important health, safety and environmental information:

pH : 7  
Melting Point/range(°C) : Undetermined



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Boiling point/range(°C)	: Undetermined
Flash point(°C)	: Not Applicable
Density (g/cm <sup>3</sup> ) (20°C)	: 1.60
Water solubility (g/l) at 25°C	: Slightly soluble / insoluble
Danger of explosion	: Product does not present an explosion hazard.
Organic solvents	: 0.0%
Solid contents	: 100.0%

### 10. STABILITY AND REACTIVITY

**Thermal decomposition/condition to be avoid** : No decomposition if used according to specifications.

**Dangerous reactions** : No dangerous reactions known.

**Dangerous decomposition product** : No dangerous decomposition products known.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

**LD/LC 50 values relevant for classification :**

Oral LD50 > 5000 mg/kg (rat)

**Primary irritant effect** :

**On the skin** : Not irritant (data from literature).

**On the eye** : Not irritant (data from literature).

**Sensitization** : No sensitizing effect known (data from literature).

**Additional toxicological information :**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

*The substance is not subject to classification according to the latest version of EU lists.*

### 12. ECOLOGICAL INFORMATION

**Information about elimination (persistence and degradability):**

*Degree of elimination : The pigment is almost insoluble in water and therefore it is not bioavailable. It is probable that the product can be eliminated/removed from the sewage by mechanical/biological treatment.*

**Ecotoxicological effects :**

**Remarks : AOX – indication :**

*The pigment does not contain chlorus.*

**Heavy Metals :**

*The possible content of soluble heavy metals as microcontaminants are typical below 25 ppm for each of the following :*

*Antimony, Arsenic, Chromium, Lead, Cadmium, Mercury, Nickel, Selenium, Zinc.*

**Copper :**



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*The product contains approx, 4-5% organic bounded copper as part of the pigment molecule. The content of free copper (ionic copper) is ~ 100 ppm.*

**General notes :** *Water hazard class 1 (German Regulation) (self-assessment): slightly hazardous for water.*

### 13. DISPOSAL CONSIDERATIONS

**Product:**

**Recommendation** *smaller quantities can be disposed of with household waste.*

**Uncleaned packaging:**

**Recommendation :** *Disposal must be made according to official regulations.*

**Recommended cleansing agents :** *Water, if necessary together with cleansing agents.*

### 14. TRANSPORT INFORMATION

**Land transport ADR/RID (cross-border)**

**ADR/RID class: NIL**

**Maritime transport IMDG:**

**IMDG class: NIL**

**Air transport ICAO-TI and IATA-DGR :**

**ICAO/IATA class: NIL**

**Transport/additional information :** *Not dangerous according to the above specifications.*

### 15. REGULATORY INFORMATION

**Labeling according to EU guidelines:**

*Observe the general safety regulations when handling chemicals. The substance is not subject to classification according to EU lists and other sources of literature known to us.*

**Safety phrases :** *36/37 wear suitable protective clothing and gloves.*

### 16. OTHER INFORMATION

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**Department issuing MSDS :** *Technical & Customer Support*

**Contact :** *Mr. Amit V. Banthia, e-mail : [amit@vibfast.com](mailto:amit@vibfast.com),*

**ADR:** *Accord europeen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

**RID:** *Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

**IMDG:** *International Maritime Code for Dangerous Goods*

**IATA:** *International Air Transport Association*

**IATA-DGR:** *Dangerous Goods Regulation by the "International Air Transport Association" (IATA)*

**ICAO:** *International Civil Aviation Organization*

**ICAO-TI:** *Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

**CAS:** *Chemical Abstracts Service (division of the American Chemical Society)*

**VOC:** *Volatile Organic Compounds (USA, EU)*

**LC50:** *Lethal concentration, 50 percent*

**LD50:** *Lethal dose, 50 percent*

**\*Data compared to the previous version altered.**