



# VIBFAST PIGMENTS PVT. LTD.

## Safety Data Sheet

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

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

#### Product details:

Trade Name : IRIS ORANGE 4050  
Color Index Name : Pigment Orange 5

#### 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

Molecular Formula : Mixture  
Chemical Family : Pigment Dispersion  
Molecular Wt. : Not Applicable

Chemical Name : C.I. Pigment Orange 5  
CAS No., description : 3468-63-1, Pigment Orange 5, C.I. 12075

Coco Monoethanolamide Ethoxylate; CAS No. 68425-44-5,  
Linseed Oil- Monoethanolamide Ethoxylate, 11EO, CAS No.: 157707-44-3  
Poly(oxy-1, 2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, mono-c 11-14-isoalkyl  
ethers, c13-rich, phosphates CAS No.: 78330-24-2,  
TAMOL: CAS No. 9084-064 & 7757-82-6.

### 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.  
**Special Precautions** : None



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### 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

Spills should be contained and placed in suitable containers for disposal in licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during cleanup.

### 7. HANDLING AND STORAGE

- Handling** : No special measures required. Ensure adequate ventilation to avoid dusting. When transferring large quantities process equipment should be grounded to prevent build up of electrostatic charge.
- 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)



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General Information:

Appearance : Powder  
Color : Orange  
Odour : Odorless

#### Important health, safety and environmental information:

pH :  $8 \pm 1$   
Melting Point/range(°C) : Not Available  
Boiling point/range(°C) : Not Available  
Flash point(°C) : Not Applicable  
Water solubility (g/l) at 25 °C : Miscible  
Danger of explosion : Product does not present an explosion hazard.

### 10. STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility: Moisture

Conditions / Hazards to avoid: Not Known

Hazardous Decomposition / Polymerization: Hazardous decomposition products: CO, CO<sub>2</sub>  
and NO<sub>x</sub>  
Polymerization: does not occur.

Corrosive properties: Not Corrosive

Oxidizer Properties: Not an Oxidizer

Other Reactive Data: Not Known

### 11. TOXICOLOGICAL INFORMATION

Rabbit, eye irritation – Draize Score: - None irritating

Rabbit, Primary Skin Irritation – Non irritation

Rat, Oral LD50->2000 MG/KG

Moderately Toxic

### 12. ECOLOGICAL INFORMATION

Photometry, Elimination, Static Method – 50 -100%

Good Potential for Elimination

### 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Incinerate or bury in licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:** Recommend crushing or other means to prevent unauthorized reuse.

### 14. TRANSPORT INFORMATION



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Dot Proper Shipping Name: N/A  
Dot Technical Name: N/A  
Dot Primary Hazard Class: N/A  
Dot Secondary Hazard Class: N/A  
Dot Label Required: N/A  
Dot Placard Required: N/A  
Dot Poison Constituent: N/A

### 15. REGULATORY INFORMATION

TSCA Inventory Status:  
Listed on Inventory: Yes  
RCRA Haz. Waste No.: None  
CERCLA: No Reportable Qty.: (if Yes)  
State Regulatory Information: (by Component) NJ/PA/MARTK  
CAS: 3468-63-1  
Name: C.I. Pigment Orange 5  
Proprietary formulation of Dispersants.

### 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,

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.**