



Material Safety Data Sheet

According to 91/155/EC

Date / Revised : 20.09.2016

Revision No. 1.1

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Product : VIBFAST SCARLET CHROME 4074

1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

Trade Name : VIBFAST SCARLET CHROME 4074
(PIGMENT RED 104)

Use : Colorants for the Paints, Plastic, Printing Inks, etc.

Manufacturer / Supplier : Vibfast Pigments Pvt. Ltd.
C-1, 91/6, Phase 1, G.I.D.C., B/h. Bank of India, Vatva, Ahmedabad-
382 445, INDIA
Phone : 0091-79-32920774, 0091-79-64501424

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name	Product Name	C.I. NO.	CAS No.	EINECS NO.
Bichromate	Scarlet Chrome	77605	12656-85-8	235-759-9

3. HAZARDS IDENTIFICATION

Hazard description : Not applicable

Information concerning particular hazards for human and environment : Not applicable

4. FIRST AID MEASURES

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

Skin Contact : Wash with soap and water. If irritation persists, seek medical attention.

Ingestion : Do not induce vomiting. Seek medical attention

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

5. FIRE FIGHTING MEASURES

Flash Point : Not applicable

Autoignition temperature : Not applicable

Lower explosive limit : Not applicable

Upper explosive limit : Not applicable

Extinguishing media : Water spray, foam or dry powder

Fire fighting procedures : Positive pressure, self contained breathing apparatus. Dispose of chemically contaminated water and soil according to local regulations.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures : Use protective equipment as indicated in item 8. Avoid inhalation of dusts.

Spills / Leaks : Take-up dry. Clean up spills immediately and prevent discharge into drainage / surface streams/ground water. Avoid generation of dust.

7. HANDLING AND STORAGE

Handling : Avoid generation and inhalation of dust. Provide adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling.

Storage : Store in a cool dry place, away from heat, sources of ignition and prevent build-up of electrostatic discharge. Packages should be sound and puncture-proof, press-proof and damp-proof.

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

Form	:	Powder
Color	:	Yellow
Odour	:	Odourless
pH	:	5-7
Melting Point	:	> 400 °C
Electric conduction	:	Non conduction
Auto flammability	:	Not applicable
Solubility in water	:	Insoluble
Bulk Density (L/Kg)	:	4.5



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10. STABILITY AND REACTIVITY

Stability : Stable under normal temperatures and pressure.

Condition to avoid : None known if handled and stored as specified.

Hazardous decomposition product : No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

LD50/oral/at : 5000 mg / kg
Chronic/Carcinogenicity : Long term exposure
Teratogenic effect : The substance can accumulate in the body
Reproduction : Possible risk of impaired fertility
Eye and Skin irritation : Rabbit: non-irritant

12. ECOLOGICAL INFORMATION

Environmental Fate : This material is not expected to biodegrade when released into the soil. This material is not expected to significantly bioaccumulate. This product is not very soluble in water and can thus be removed from water mechanically in suitable effluent treatment plants.

Toxicity to fish : *Leuciscus idus*/LC0 (48H) : > 10000 mg/l

Micro-organisms/effect on activated sludge : No inhibitory effects at 1000 mg/l

13. DISPOSAL CONSIDERATIONS

Disposal of containers and contents in accordance with all local, state, and federal requirements.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

OSHA Hazard category: IARC 1, 2A or 2B carcinogen, NTP listed carcinogen, OSHA regulated carcinogen, chronic target organ effects reported, OSHA PEL established, ACGIH TLV established.

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

16. OTHER INFORMATION



VIBFAST PIGMENTS PVT. LTD.

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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, Email: 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.**
