



MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

1. Commercial Product : Lake Indigo Carmine

Company	Vibfast Colorants
Addresses	Plot No. C – 1, 91-6, Phase -1, B/h Bank of India, GIDC Vatva, Ahmedabad - 382 445, India
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Chemical Family(class)	Indigoid
Chemical Name	Disodium 3,3'-dioxo-2,2'-bi-indolylidene-5,5'- disulphonate

2. Information on Ingredients: -

E. E. C. No	E-132
EINECS	212-728-8
CAS No	860-22-0(5,5'isomer)
C. I. No	73015: 1
Molecular Formula	$C_{16}H_8N_2O_8S_2Na_2$
Molecular Weight	466.36
According to documentation available is edible dye.	

3. Physical and chemical properties: -

Physical State	Solid, Fine Powder/Granules
Colour	Dark Blue
Odor	Odorless
pH value	5-6
Boiling Point	Not applicable
Melting Point	No sharp melting point observed
Flash Point	Not applicable

4. Substance does not having any oxidising property: -

Ignition Temperature	Not applicable
Explosion Limit	Not applicable
Vapour Pressure	Not applicable
Density	0.80
Solubility in water	15 gms/litre

5. Stability & Reactivity: -

Hazardous Reactions	No
Hazardous Decomposition Product	Not Established
Chemical In Compatibility	Strong Reducing Agents, Decolourising Agents, Strong Acids & Alkalies



VIBFAST PIGMENTS PVT. LTD.



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Condition To Avoid

I) Heating To High Temperature

Reactivity Data

II) Storage under damp atmosphere

This material is stable under condition of normal handling and use, but sensitive to moist air.

6. Handling & Storage: -

Handling

Avoid formation of dust

Storage

Keep in closed container at ambient temperature & humidity

Do Not Store Together

Store Colourwise

7. Exposure Controls/Personal Protection: -

TLV

No

Respirator Protection

May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)

Ventilation

Local ventilation capable of minimizing dust emission at the point of use

Eye Protection

Protective glasses may be used

Hand Protection

Rubber gloves may be used wash the hands before and at the end of work with water, soap

8. Hazards Identification: -

Warnings

The usual precautions taken when handling of dyes should be observed.

As the substance is edible dye, no hazardous to water supply.

9. First Aid Measures: -

Eye Contact

Wash eyes with plenty of water for at least 15 minute

Skin Contact

Wash off with plenty of water & soap

Ingestion

Plenty full water to be taken inside, special medical attention may not be necessary

10. Accidental Release Measures: -

After Spillage

Sweep up spilled substance carefully, then clean with water

Absorbent Material

Use clean cotton cloth

11. Disposal Consideration: -

Can be sent to an incineration plant in accordance with local regulations

12. Fire Fighting Measures: -

Extinguishing Media

Use dry chemicals or carbon dioxide CO₂

Thermal Decomposition

Dangerous decomposition is not anticipated

