



MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

1. Commercial Product

Company
Addresses

Erythrosine

Vibfast Colorants
Plot No. C – 1, 91-6, Phase -1,
B/h Bank of India, GIDC Vatva,
Ahmedabad - 382 445, India

Telephone No: -
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Chemical Family(class)
Chemical Name

Xanthene
Disodium 2-(2,4,5,7-Tetraiodo-3-oxido-6-oxoxanthen-9-yl)Benzoate monohydrate

2. Information On Ingredients: -

E. E. C. No E-127
EINECS 240-474-8
CAS No 16423-68-0
C. I. No 45430
Molecular Formula $C_{20}H_{14}Na_2O_5$
Molecular Weight 897.88
According to documentation available is edible dye.

3. Physical and chemical properties: -

Physical State Solid, Fine Powder/Granules
Colour Red.
Odor Odorless
pH value 8-10
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 70 gms/litre

5. Stability & Reactivity: -

Hazardous Reactions No
Hazardous Decomposition Product Not Established
Chemical In Compatibility Strong Reducing Agents, Decolourising Agents, Strong Acids & Alkalies
Condition To Avoid I) Heating To High Temperature
II) Storage under damp atmosphere



Reactivity Data

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 CO ₂
Thermal Decomposition	Dangerous decomposition is not anticipated

