



## MATERIAL SAFETY DATA SHEET (MSDS)

### Information of the substance and of the company

#### 1. Commercial Product

#### Fast Green FCF

Company  
Addresses

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

Triaryl Methane  
Trisodium-2-hydroxy-1-(4-Sulfonato-1-Naphthylazo)  
naphthalene-6, 8-Disulfonate

#### 2. Information On Ingredients: -

E. E. C. No --  
C. I. No 42053  
Molecular Formula  $C_{20}H_{11}N_2Na_3O_{10}S_3$   
Molecular Weight 604.48  
According to documentation available is edible dye.

#### 3. Physical and chemical properties: -

Physical State Solid, Fine Powder/Granules  
Colour Greenish.  
Odor Odorless  
pH value 6-8  
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

#### 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 <sub>2</sub>
Thermal Decomposition	Dangerous decomposition is not anticipated

