



C-1, 91/6, Phase I, B/h. Bank of India, G.I.D.C., Vatva, Ahmedabad - 382 445. (India) Phone : +91-79-3292 0774, 6450 1424 Fax : +91-79-25893014 Website : www.vibgyorchemtex.com \* www.vibfast.com

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# **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: -Fax No: -

+91 - 79 - 2583 0667 +91 - 79 - 2589 3014

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 C20H11N2Na3O10S3 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	<ol> <li>I) Heating To High Temperature</li> </ol>
	<li>II) Storage under damp atmosphere</li>
Reactivity Data	This material is stable under condition of normal
	handling and use, but sensitive to moist air.





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#### 6. Handling & Storage: -

Handling Storage Do Not Store Together Avoid formation of dust Keep in closed container at ambient temperature & humidity 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





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### 13. Toxicological Information (In Rats & Mice): -

LD 50 Oral LD 50 Intraperitoneal LD 50 skin LD 50 inhalation Eye Irritation **Dermal Irritation** Acceptable Daily JECFA EEC

6000-10000 mg/kg body weight 3800-5000 mg/kg body weight No adverse or pathological effct Not Known Not irritating to Eye Not irritating to skin. Intake 0-2.5 mg/kg body weight 0-2.5 mg/kg body weight

#### 14. Ecological Information: -

Water Hazard

Being an edible dye, Not established

### 15. Transport Information: -

Not Hazardous Cargo Keep separated from hazardous chemicals

#### 16. Regulatory Information: -

Manufactured as per specification set by BIS (India), FAO/WHO (JECFA), Each country has its own laws on coloring of food-stuffs, colorant permitted and their purity standards

#### Other Information: -

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties

For total dye content: requirement within tolerance limit of  $\pm 7.5\%$  the declared of value.