



## MATERIAL SAFETY DATA SHEET (MSDS)

### Information of the substance and of the company

#### 1. Commercial Product

#### Chocolate Brown HT

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

Di-Azo  
DISODIUM-4, 4-(2, 4-DIHYDROXY-5-HYDROXY  
METHYL-1, 3-PHENYLENE BISAZO)-DI  
(NAPHTHALENE-1-SULFONATE)

#### 2. Information On Ingredients: -

E.E.C. No E-155  
EINECS 224-924-0  
CAS No 4553-89-3  
C. I. No 20285  
Molecular Formula  $C_{17}H_{18}N_4Na_2O_9S_2$   
Molecular Weight 652.57  
According to documentation available is edible dye.

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

Physical State Solid, Fine Powder/Granules  
Colour Reddish Brown  
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  
Density 0.70  
Solubility in water 180 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 CO<sub>2</sub>

Thermal Decomposition

Dangerous decomposition is not anticipated

