

## MATERIAL SAFETY DATA SHEET (MSDS)

### Information of the substance and of the company

#### 1. Commercial Product

Company  
Addresses

#### Chocolate Brown HT

Promethea TechSynth Pvt. Ltd.  
5<sup>th</sup> Floor, A-506, Privilon, B/H  
Iscon Temple, S.G. Highway,  
Ahmedabad - 380054, India

Mobile No: -

+91 – 99-98082540, 97-12001000

Chemical Family(class)

Di-Azo

Chemical Name

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



# PROMETHEA TECHSYNTH PRIVATE LIMITED

5<sup>TH</sup> FLOOR, A-506, PRIVILION, B/H ISCON TEMPLE, AMBLI-BOPAL ROAD,  
S.G. HIGHWAY, AHMEDABAD -380 054, GUJARAT

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9998082540

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

