



# 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

Email id: [promethea.ts@gmail.com](mailto:promethea.ts@gmail.com) CIN U24299GJ2020PTC117548 (M) 9712001000  
9998082540

## MATERIAL SAFETY DATA SHEET (MSDS)

### Information of the substance and of the company

#### 1. Commercial Product

Company

#### Amaranth

Promethea TechSynth Pvt. Ltd.

Addresses: 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)

Mono Azo

Chemical Name

Trisodium 2-Hydroxy-1-(4-Sulfonato-1-  
Naphthylazo) Naphthalene -3,6- Disulfonate.

#### 2. Information on Ingredients: -

E. E. C. No

E-123

EINECS

213-022-2

CAS No

915-67-3

C. I. No

16185

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

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

0.80

Solubility in water

140 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



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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

