

MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

1. Commercial Product

Company
Addresses

Tartrazine

Promethea TechSynth Pvt. Ltd.
5th 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-6, 8-Disulfonate

2. Information On Ingredients: -

E. E. C. No

E-102

EINECS

217-699-5

CAS No

1934-21-0

C. I. No

15985

Molecular Formula

$C_{16}H_9N_4Na_3O_9S_2$

Molecular Weight

534.37

According to documentation available is edible dye.

3. Physical and chemical properties: -

Physical State

Solid, Fine Powder/Granules

Colour

Light Orange

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

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
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 ₂
Thermal Decomposition	Dangerous decomposition is not anticipated

