

MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

1. Commercial Product

Company
Addresses

Quinoline Yellow

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)
Chemical Name

Quinophthalone
The disodium salts of the disulfonates of 2-(2-
quinodyl) indan-1,3-dione (principal component).

2. Information On Ingredients: -

E. E. C. No E-104
EINECS 305-897-5
CAS No 8004-92-0
C. I. No 47005
Molecular Formula $C_{18}H_9NNa_2O_8S_2$ (principal component)
Molecular Weight 477.38
According to documentation available is edible dye.

3. Physical and chemical properties: -

Physical State Solid, Fine Powder/Granules
Colour Yellow
Odor Odorless
pH value 5 -6
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 150 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 CO₂

Thermal Decomposition

Dangerous decomposition is not anticipated

