## MATERIAL SAFETY DATA SHEET (MSDS)

## Information of the substance and of the company

## 1. Commercial Product

Company
Addresses

Telephone No: -
Fax No: -
Chemical Family(class)
Chemical Name

## Amaranth

Vibfast Colorants
Plot No. C-1, 91-6, Phase -1,
B/h Bank of India, GIDC Vatva, Ahmedabad - 382 445, India
+91-79-25830667
+91-79-2589 3014
Mono Azo
Trisodium 2-Hydroxy-1-(4-Sulfonato-1Naphthylazo) Naphthalene-3,6- Disulfonate.
2. Information On Ingredients: -
E. E. C. No

E-123
EINECS
CAS No
C. I. No

Molecular Formula
Molecular Weight
213-022-2
915-67-3

According to documentation available is edible dye.

## 3. Physical and chemical properties:-

Physical State
Colour
Odor
pH value
Boiling Point
Melting Point
Flash Point

Solid, Fine Powder/Granules
Reddish brown
Odorless
6-8
Not applicable
No sharp melting point observed
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 | $140 \mathrm{gms} / l i t r e$ |

## 5. Stability \& Reactivity: -

## Hazardous Reactions

Hazardous Decomposition Product
Chemical In Compatibility
Condition To Avoid

## No

Not Established
Strong Reducing Agents, Decolourising Agents, Strong
Acids \& Alkalies
I) Heating To High Temperature
II) Storage under damp atmosphere

C-I, 91/6, Phase I, B/h. Bank of India,
G.I.D.C., Vatva, Ahmedabad - 382 445. (India)

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- amit@vibfast.com • amit@vibfastcolour.com

Website : www.vibgyorchemtex.com * www.vibfast.com

Reactivity Data

## 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

Respirator Protection
Ventilation
Eye Protection
Hand Protection

This material is stable under condition of normal handling and use, but sensitive to moist air.

Handling
Do Not Store Together

Keep in closed container at ambient temperature \& humidity Store Colourwise

No
May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)
Local ventilation capable of minimizing dust emission at the point of use
Protective glasses may be used
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
Skin Contact
Ingestion

Wash eyes with plenty of water for at least 15 minute Wash off with plenty of water \& soap
Plenty full water to be taken inside, special medical attention may not be necessary

## 10. Accidental Release Measures: -

After Spillage
Absorbent Material

Sweep up spilled substance carefully, then clean with water 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
Thermal Decomposition

Use dry chemicals or carbon dioxide CO2
Dangerous decomposition is not anticipated

# VIBFAST PIGMENTS PVT. LTD. 

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G.I.D.C., Vatva, Ahmedabad - 382 445. (India)

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13. Toxicological Information (In Rats \& Mice): -

LD 50 Oral
LD 50 Intraperitoneal
LD 50 skin
LD 50 inhalation
Eye Irritation
Dermal Irritation
Acceptable Daily
JECFA
EEC
$6000-10000 \mathrm{mg} / \mathrm{kg}$ body weight $3800-5000 \mathrm{mg} / \mathrm{kg}$ body weight No adverse or pathological effct Not Known Not irritating to Eye Not irritating to skin. Intake $0-2.5 \mathrm{mg} / \mathrm{kg}$ body weight $0-2.5 \mathrm{mg} / \mathrm{kg}$ body weight

## 14. Ecological Information: -

Water Hazard
Being an edible dye, Not established

## 15. Transport Information: -

Not Hazardous Cargo
Keep separated from hazardous chemicals

## 16. Regulatory Information: -

Manufactured as per specification set by BIS (India), FAO/WHO (JECFA), Each country has its own laws on coloring of food-stuffs, colorant permitted and their purity standards

## Other Information: -

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties

