

**MATERIAL SAFETY DATA SHEET**

**1. Information Of The Substance And The Company :**

1.1(A)	Commercial Name	Amaranth
1.1(B)	Synonyms	CI Food Red 9
1.1(C)	CAS No.	915-67-3
1.1(D)	C.I. No.	16185:1
1.1(E)	EINCES No.	217-699-5

1.2(A)	Name Of The Company	Vidhi Dyestuffs Mfg. Ltd.
1.2(B)	Corporate Office Address	E/27, Commerce Centre, 78, Tardeo Road, Mumbai - 400 034 India.
1.2(C)	Corporate Office Tel Nos.	91 - 22 - 5660 2187 / 2351 4349 / 2352 2864
1.2(D)	Works Address	Plot No. 59-B, M.I.D.C., Dhatav, Roha (Raigad), Maharashtra - 402 116, India.

**2. Chemical Composition / Information On Ingredients**

Ingredients	% Conc.	CAS No.	EINCES No.
Amaranth	100	915-67-3	217-699-5

**3. Physical And Chemical Properties :**

3.1	Physical State	Solid Fine Powder
3.2	Colour	Red
3.3	Odour	Odourless
3.4	PH Value	7-8
3.5	Boiling Point	Not applicable
3.6	Melting Point	No Sharp Melting Pt. Observed
3.7	Flash Point	Not applicable
3.8	Ignition temperature	Not applicable
3.9	Vapor Pressure	Not applicable
3.10	Density	0.8 to 1.0
3.11	Solubility In Water	30%

**4. Stability & Reactivity Stability Data**

4.1	Hazardous reactions	No information available
4.2	Hazardous decomposition	No information available
4.3	Chemical Incompatibility	
4.4	Conditions to avoid	1) Heating to high temperature 2) Storage under damp atmosphere

**Reactivity Data**

4.5	Reactivity Data	This material is stable under condition of normal handling and use, but sensitive in moist air.
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**5 Handling & Storage**

5.1	Handling	No special requirement
5.2	Storage	Keep in close container at ambient temperature & humidity

**Vidhi Dyestuffs Mfg. Ltd.**

(A Govt. Recognised Export House)

Regd. Off.: E/27, Commerce Centre, 78, Tardeo Road, Mumbai-400 034. INDIA.

Tel.: (91-22) 2351 4349, 2352 2864, 2352 6347 • Fax : 2352 1980 • E-Mail : vidhi@bom4.vsnl.net.in

Factory : Plot No. 59-B, M.I.D.C. Dhatav, Roha (Raigad), Maharashtra-402 116. INDIA. Tel.: (02194) 263873

Website : <http://www.vidhifoodcolours.com>



**6 Exposure Controls / Personal Protection**

6.1	Exposure limits	Data not available
Protective measures required		
6.2(A)	Respirator	Wear appropriate respiratory protective equipment.
6.2(B)	Ventilation	Local ventilation capable of minimizing dust emission at the point of use.
6.2(C)	Eye protection	Safety goggles may be use.
6.2(D)	Hand protection	Rubber hand gloves may be use. Wash the hand before & at the end of work with water & soap.
6.2(E)	Skin protection	Wear vinyl / rubber protective outer garments

**7. Hazards Identification**

7.1	Not hazardous
7.2	Slight of dust explosion

**8. First Aid Measures**

8.1	Eye Contact	Wash eyes with plenty of water seek medical if irritation persists.
8.2	Skin Contact	Wash off with plenty of water and Soap.
8.3	Injection	Plenty of water to be taken inside.
8.4	Inhalation	Seek medical attention if excessive.

**9. Accidental Release Measures**

9.1	Clean up procedure	Remove spill powder place in a bag & hold for a waste disposal.
9.2	Absorbent material	Use clean cotton cloth.

**10 Disposal Consideration**

10.1	Can be sent to concern plant in accordance with local regulation.	
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**11. Fire Fighting Measures**

11.1		In case of fire use water.
11.2	Extinguishing media	Water spray, CO <sub>2</sub> , Dry chemical powder
11.3	Thermal decomposition	Dangerous decomposition is not anticipated

**12. Toxicological Information**

12.1	LD 50 (rat)	10 GM / KG.
12.2	Eye Irritation	Moderate irritant.
12.3	Dermal Irritation	Not Irritating to skin.

**13. Ecological Information**

13.1	No information available
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**14. Transport Information**

14.1	Not classified as hazardous
14.2	Keep separated from hazardous chemical

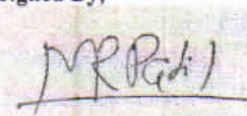
**15 Regulatory Information**

15.1	Manufactured as per specification set by U.S. FDA. Each country has its own laws on colouring of food-stuffs, colourant permitted and their purity standards.
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**16. Other Information**

16.1	This products should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. The above information is based on the present state of our knowledge of the product at the time of publication. The user must satisfy himself that the product is entirely suitable for his purpose.
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Signed By,



Q.C. Manager.

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