



VIBFAST PIGMENTS PVT. LTD.



C-1, 91/6, Phase I, B/h. Bank of India,
G.I.D.C., Vatva, Ahmedabad - 382 445. (India)
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Amaranth Lake - MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

Commercial Product	Amaranth Lake
CAS NO.	915-67-3(parent colour)
C.I. NO.	16185(parent colour)
EINECS NO.	212-022-2 (parent colour)
Company	VIBFAST COLORANTS
Telephone No	91-79-2583 0667
Fax No	91-79-2589 3014

Chemical Composition/Information On Ingredients

INGREDIENT	% CONC	CAS	EINECS
lake Amaranth	100	915-67-3 (parent colour)	213-022-2 (parent colour)

Physical and chemical properties

Physical State	Solid, fine amorphous powder.
Colour	Bluish red.
Odor	Odorless
pH value	4-6
Boiling Point	Not applicable
Melting Point	No sharp melting point observed
Flash Point	Not applicable
Ignition Temperature	Not applicable
Explosion Limit	Not applicable
Vapour Pressure	Not applicable
Density	0.20 - 0.70
Solubility in water	Insoluble in water,(may be slightly soluble in water)

Stability & Reactivity

Hazardous Reactions	No information available.
Hazardous Decomposition Product	No information available.
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.

Handling & Storage

Handling	Avoid formation of dust
Storage	Keep in closed container at ambient temperature & humidity
Do Not Store Together	Store Colourwise

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 minimising dust emission at the point of use



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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
Hazards Identification	
Not hazardous. Slight risk of dust explosion	
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
Inhalation	Seek medical attention if excessive.
Accidental Release Measures	
Clean up procedure	Remove split powder by vaccum cleaner or Sweeping, for disposal of waste, -see section 10
Absorbent Material	Use clean cotton cloth
Disposal Consideration	
Can be sent to an incineration plant in accordance with local regulations	
Fire Fighting Measures	
Extinguishing Media	Use dry chemicals or carbon dioxide CO ₂
Thermal Decomposition	Dangerous decomposition is not anticipated
Toxicological Information (In Rats & Mice)	
LD 50(rat)	20000 mg/kg body weight
Eye Irritation	Moderate irritant
Dermal Irritation	Not irritating to skin.
Ecological Information	
Water Hazard	No information available.
Transport Information	
Not classified as Hazardous. Keep separated from hazardous chemicals	
Regulatory Information	
Manufactured as per specification set by BIS (India), FAO/WHO (JECFA). Each country has its own laws on colouring of food-stuffs, colourant 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	

Note: All requirement shall be on dry basis.
For total dye content: requirement within tolerance limit of $\pm 7.5\%$ the declared of value.