



VIBFAST PIGMENTS PVT. LTD.



C-1, 91/6, Phase I, B/h. Bank of India,
G.I.D.C., Vatva, Ahmedabad - 382 445. (India)
Phone : +91-79-3292 0774, 6450 1424 Fax : +91-79-25893014

E-mail : amit@vibgyorchemtex.com
* amit@vibfast.com * amit@vibfastcolour.com
Website : www.vibgyorchemtex.com * www.vibfast.com

Tartrazine Lake - MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

Commercial Product	Tartrazine Lake
Synonyms	C.I.Food Yellow # 4:1 FD&C Yellow # 5
CAS NO.	16423-68-0(parent colour)
C.I. NO.	19140:1(parent colour)
EINECS NO.	240-474-8(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
Tartrazine AL-Lake	100	1934-21-0(parent colour)	217-699-5(parent colour)

Physical and chemical properties

Physical State	Solid, fine amorphous powder
Colour	Yellow
Odor	Odorless
pH value	4-6
Boiling Point	Not applicable
Melting Point	No sharp melting point observed
Flash Point	Not applicable
	Substance does not having any oxidising property
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	No special requirement
Storage	Keep in closed container at ambient temperature & humidity
Do Not Store Together	Store Colourwise

Exposure Controls/Personal Protection

a) Exposure limits (vapour, dust, etc.)

LTEL (RESPIRABLE) mg/m3	LTEL (TOTAL DUSTS) mg/m3	STEL mg/m3
-------------------------------	--------------------------------	---------------



VIBFAST PIGMENTS PVT. LTD.



C-1, 91/6, Phase I, B/h. Bank of India,
G.I.D.C., Vatva, Ahmedabad - 382 445. (India)
Phone : +91-79-3292 0774, 6450 1424 Fax : +91-79-25893014

E-mail : amit@vibgyorchemtex.com
* amit@vibfast.com * amit@vibfastcolour.com
Website : www.vibgyorchemtex.com * www.vibfast.com

Tartrazine AL LAKE(unlisted provisional only)	5	10	20
Aluminium Oxide	5	10	-

b) Protective measures required

Respirator	Wear appropriate respiratory protective equipment according to quantity being handled
Ventilation	Local ventilation capable of minimising dust emission at the point of use
Eye Protection	Protective glasses may be used to protect eyes from airborne abrasive particles
Hand Protection	- Rubber gloves may be used - Wash the hands before and at the end of work with water, soap
Skin Protection	Wear vinyl/rubber general protective overall/outer garments

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 - Seek medical attention if irritation persists
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 spill powder by vacuum 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	Combustible, In case of fire use water Use dry chemicals or carbon dioxide CO ₂
Thermal Decomposition	Dangerous decomposition is not anticipated

Toxicological Information (In Rats & Mice)

LD 50 (rat)	2000 mg/kg body weight
Eye Irritation	Moderate irritant
Dermal Irritation	Not irritating to skin

Ecological Information

No information available

Transport Information

Not classified as Hazardous
Keep separated from hazardous chemicals

Regulatory Information



VIBFAST PIGMENTS PVT. LTD.



C-1, 91/6, Phase I, B/h. Bank of India,
G.I.D.C., Vatva, Ahmedabad - 382 445. (India)
Phone : +91-79-3292 0774, 6450 1424 Fax : +91-79-25893014

E-mail : amit@vibgyorchemtex.com
* amit@vibfast.com * amit@vibfastcolour.com
Website : www.vibgyorchemtex.com * www.vibfast.com

Manufactured as per specification set by EEC. 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 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.

Note: All requirement shall be on dry basis.

For total dye content: requirement within tolerance limit of $\pm 7.5\%$ the declared of value.