

Plot No.C-6, Saykha, NR.Bhersam TA. Vagra, Bharuch. Mo:-9427110853 E-mail:revaenterprise02gm@gmail.com

**Material Safety Data Sheet** 

REVA BVB (C.I.No. OBA 113)

Section 1 – Identification of Product and Manufacturing Company

Company Name	REVA ENTERPRISE
Phone	+91-9427110853
Product Name	REVA BVB
Product Class	Stilbene Florescent Brightener
Chemical Constitution	Diaminostilbene Disulphonic Acid Derivative
CAS Number	4193-55-9

Section 2 – Composition/Information on Ingredients

**Component:** 4, 4'-BIS [(4-[BIS (2-HYDROXYETHYL) 4193-55-9 AMINO]-6-ANILINO-1, 3, 5-TRIAZIN-2-YL] AMINO] STILBENE-2, 2'-**DISULPHONIC ACID. FLUORESCENT BRIGHTER 113.** 

CAS No.

Section-3 – Possible Hazards: Non Hazardous

**Classification required according to EU** 

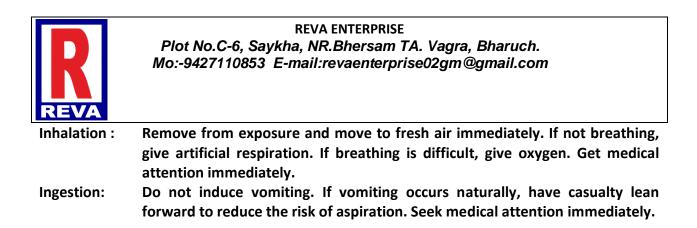
R Phrase (s): R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

S Phrase (s): S61, avoid release to environment.

Section-4- First Aid Measures:

Immediately flush eye with plenty of water for at least 15 minutes. Eye Contact:

Skin Contact: Immediately flash with plenty of water. Remove contaminated clothing. Wash clothing before re-use.



### Section-5- Fire Fighting Measure

Fire Fighting Measure:	Standard procedure for chemical fires.
Suitable Extinguishing Media:	Carbon dioxide, Dry Chemical, From or Water Mist.
Fire Fighting Equipment:	Wear self-contained breathing apparatus and protective suit.
Unusual Hazards :	The product can form an explosive dust / air mixture.
Hazardous Combustion Products:	Burning may produce toxic combustion products.

Section-6- Accidental Release Measure

Leak/Spill: Spills should be swept or vacuumed up into containers and removed to an authorized land-fill. Avoid dust formation Wear suitable protective equipment. The arterial has very low solubility in water & is not easily flushed away.

#### Section-7- Handling and Storage

- Keep containers tightly closed in a cool, well ventilated place
- Use good industrial practices when handling. Avid eyes, skin and clothing contact. Do not inhale.
- Do not taste or swallow. Use only with adequate ventilation.

Section-8- Personal Protection/ Exposure Control

- a) Exposure Guidelines: There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.
- b) Engineering Controls: Work in well ventilated areas. Do not breathe dust.
- c) Skin Protection: Wear chemical resistant gloves and protective clothing.
- d) Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure.
- e) Eye/Face Protection: Wear safety glasses or goggles to protect against dust particles.



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 f) Other Protective Equipment: Eye wash station and safety should be available in immediate work area.
Select additional protective equipment based upon potential for exposure.

Section-9- Physical and Chemical Properties:
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Appearance:	Reddish Brown Powder
Clearity:	Clear
Mac ultraviolet absorb wavelength:	348-380mm
Specific Gravity:	1.18-gm/ML
pH of 1% Solution	9-11

Section 10- Physical Hazards and Reactivity :	
a) Hazardous Polymerization Products: Will not occur.	

- b) Stability : Stable
- c) Condition to Avoid: Avoid static discharge
- d) Incompatibility: Strong oxidizing agents, strong acids, strong bases.
- e) Hazardous Decomposition Products: No decomposition expected under normal storage conditions. Thermal decomposition may produce compounds of Nitrogen and Sulfur.

### Section-11- Toxicological Information

- a) Acute oral toxicity (LD50): >2000 mg/kg (Category 5) (Rats).
- b) Rabbit Skin: Non Irritating
- c) Rabbit Eyes: Non Irritating
- d) Appearance: Generally not sensitive. Use plenty of water when in contact with skin.
- e) Heavy Metal ( in ppm ) : Within the prescribed limit
- f) Benzedrine & Pentachloro Phenol Content : NIL



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g) Formaldehyde : Not detected

## Section 12- Ecological Data

- a) Fish Toxicity (LD50): NO MORTALITY observed. Does not show toxicity at 101 mg/lit for 96 hours.
- b) Biodegradability : 82% (OECD 302B/ISO 9888) (Medium: Activated sludge from Sewage plant)
- c) Permanent AOX: 0.6%

### Section 13- Disposal Consideration

- Waste from residues/unused products: Waste disposal must be accordance with appropriate Federal, State and local regulations. The unused product may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
- Contaminated packaging: Do not re- use empty containers.
- Methods for cleaning up: Small quantities may be treated in aerobic waste water treated systems, large quantities may be incinerated or land filled after solidification in permitted system.

Section 14- Transport Information

- a) Hazard Class: Not regulated as a hazardous product.
- b) Shipping Name: Textile or Paper Additive / FWA / OBA

Section 15- Regulatory Information

a) TSCA: Certify that all components of this product are registered under the Regulation of the Toxic Substances Control Act

b) SARA



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Reactive Hazard: No

Fire Hazard: No Delayed / Chronic: No Pressure Hazard: No Immediate Acute: No Contains an extremely hazardous substance: No

- c) Toxic Chemicals: This product does not contain any toxic chemicals listed under section 313 of the Emergency Planning and Community Right-to-know Act of 1986.
- d) CWA: This product contains the following priority pollutants and their concentration: contain no known priority pollutants at concentration greater than 0.1%.
- e) CEPA Priority Chemical: Product not yet evaluated.
- f) DOT: Regulated
- g) Hazardous Classification: Non –Hazardous

### Section 16- Other Information

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of REVA ENTERPRISE. The data on this on this sheet relates only to the specific material designated herein. Reva Enterprise assume no legal responsibility for use or reliance upon these data.