

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

Material Safety Data Sheet

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

Section 1 – Identification of Product and Manufacturing Company

Company Name Phone	REVA ENTERPRISE +91-9427110853	
Product Name	REVA BVBI	
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

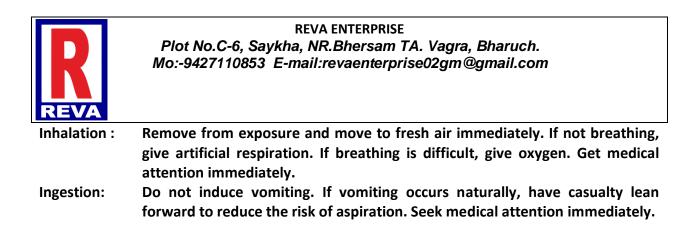
R Phrase (s): R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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 a	and Chemical	Properties:
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Appearance:	Light Yellowish Powder
Clearity:	Clear
Mac ultraviolet absorb wavelength:	348-380mm
Specific Gravity:	1.18-gm/ML
pH of liquid	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

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