



REVA ENTERPRISE

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

Material Safety Data Sheet

REVA BBF LIQUID

Section 1 – Identification of Product and Manufacturing Company

Company Name	REVA ENTERPRISE
Phone	+91-9427110853
Product Name	REVA BBF LIQUID
Product Class	Stilbene Florescent Brightener
Chemical Constitution	Diaminostilbene Disulphonic Acid Derivative
CAS Number	16470-24-9

Section 2 – Composition/Information on Ingredients

Ingredient	CAS#
2,2(1,2-ETHENEDIYL) BIS [5-((4-((DIETHANOLAMINO)-6-(PHENYLAMINO)-4-SULPHONIC ACID)-1,3,5,TRIAZINE-2-YL)AMINO)] BENZENESULFONIC ACID TETRA SODIUM SALT, FLUORESCENT BRIGHTER 220.	16470-24-9

Section-3 – Possible Hazards:

Critical hazards to human and the environment: Non Hazardous

Section-4- First Aid Measures:

Eye Contact:	Immediately flush eye with plenty of water for at least 15 minutes.
Skin Contact:	Immediately flash with plenty of water. Remove contaminated clothing. Wash clothing before re-use.
Inhalation :	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion:	Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.



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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 god 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

- Exposure Guidelines:** There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.
- Engineering Controls:** Work in well ventilated areas. Do not breathe dust.
- Skin Protection:** Wear chemical resistant gloves and protective clothing.
- Respiratory Protection:** Use NIOSH approved respirator as needed to mitigate exposure.
- Eye/Face Protection:** Wear safety glasses or goggles to protect against dust particles.
- Other Protective Equipment:** Eye wash station and safety should be available in immediate work area.



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Section-9- Physical and Chemical Properties:

Appearance:	Light Blueish Liquid
Miscibility:	Can be mixed with water in all properties
Mac ultraviolet absorb wavelength:	348-350mm
Ionic Character:	Anionic
Residues	≤ 0.5%

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
- g) Formaldehyde : Not detected



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Section 12- Ecological Data

- a) Fish Toxicity (LD50): NO MORTALITY observed. Does not show toxicity at 101 mg/lit for 96 hours.
- b) Biodegradability : 85% (OECD 302B/ISO 9888) (Medium: Activated sludge from Sewage plant)
- c) Permanent AOX: 0.5%

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
Reactive Hazard: No



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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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