



REVA ENTERPRISE

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

Material Safety Data Sheet REVA 4BK(C.I.No. OBA 253)

Section 1 – Identification of Product and Manufacturing Company

Company Name	REVA ENTERPRISE
Phone	+91-9427110853
Product Name	REVA 4BK
Product Class	Stilbene Florescent Brightener
Chemical Constitution	Diaminostilbene Disulphonic Acid Derivative
CAS Number	12768-92-2

Section 2 – Composition/Information on Ingredients

Component:	CAS No.	EINECS NO.
4, 4'-BIS [(4-[BIS (2-HYDROXYETHYL) AMINO]-6-ANILINO-1, 3, 5-TRIAZIN-2-YL) AMINO] STILBENE-2, 2'-DISULPHONIC ACID. FLUORESCENT BRIGHTER 253.	12768-92-2	

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:

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

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



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- 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.

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:

Appearance:	Yelloish powder
Solubility:	Soluble in water
Mac ultraviolet absorb wavelength:	348-350mm
Specific Gravity:	700-900gm/l
pH(1% solution)	9.0-11.0

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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