



# REVA ENTERPRISE

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

## Material Safety Data Sheet

### LUCEWHITE ABI Z LIQUID

#### Section 1 – Identification of Product and Manufacturing Company

|                       |   |
|-----------------------|---|
| Company Name          | REVA ENTERPRISE                             |
| Phone                 | +91-9427110853                              |
| Product Name          | LUCEWHITE ABI Z 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

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

## 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 Yelloish Red Colour                 |
| 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

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.