



## ***MATERIAL SAFETY DATA SHEET***

### **PART 1- IDENTIFICATION OF THE COMPANY AND OF THE PRODUCT**

1.1 Trade Name	: TO SOFT EC
1.2 Company Identification	: TFT BIOTECH INDIA PVT. LTD. AP-297, 30 <sup>th</sup> Street, Kambar Colony, Anna Nagar West, Chennai-600040, Tamilnadu, India Phone-91-44-26182557 Fax -91-44-26186079 Email- info@tftindia.com Web- www.tftindia.com

### **PART 2- COMPOSITION / INFORMATION ON INGREDIENTS**

2.1 Chemical Characterization	: Based on special fatty amides
2.2 Ionic Nature	: Cationic

### **PART 3- HAZARDS IDENTIFICATION**

3.1 Risk Phrase	: Irritating to skin
3.2 Primary Route of Exposure	: Skin and eyes contact
3.3 Skin Contact	: Redness
3.4 Eye Contact	: Redness, Pain, Blurred vision, Tears
3.5 Ingestion	: Rinse mouth. Seek medical attention immediately

### **PART 4- FIRST AID MEASURES**

4.1 Inhalation	: Move exposed person to fresh air / oxygen. Seek Medical help.
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- 4.2 Skin Contact : Wash with plenty of water and soap.
- 4.3 Swallowing : Never give fluids or induce vomiting if the person is Unconscious. If conscious, give one full cup of Water To dilute ingested material. Consult a Doctor immediately.
- 4.4 Eye Contact : Wash well with water without delay and seek Medical Help if irritation persists.

#### **PART 5- FIRE FIGHTING MEASURES**

- 5.1 Extinguishing Media : Foam, Dry Chemical, Carbon dioxide.
- 5.2 Special fire fighting measure : Evacuate all personnel from danger area Immediately.
- 5.3 Protective equipment for firefighters : Use self-contained breathing apparatus and Protective clothing.

#### **PART 6- ACCIDENTAL RELEASE MEASURES**

- 6.1 Clean up method for spilled material : Absorb with an inert absorbent (sand, saw dust). Scrape up and place in appropriate closed Container.
- 6.2 Waste disposal Method : Prevent waste from contaminating the Surrounding environment.

#### **PART 7- HANDLING AND STORAGE**

- 7.1 Precautions in handling and storage : Store under cool place, meet legal requirement. Keep away from heat sources and direct Exposure to sunlight.
- 7.2 Storage : Keep only in original container in a cool Ventilated place. Keep the container tightly Closed when not in use.

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7.3 Handling : Handle in accordance with good industrial Hygiene and safety standards.

**PART 8-EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1 Respiratory Protection : Use gas mask  
8.2 Skin Protection : Wear insulated neoprene gloves or PVC coated Gloves and protective clothing.  
8.3 Eye Protection : Safety glasses or goggles.  
8.4 Industrial Hygiene : Provide local exhaust or general room Ventilation.

**PART 9-PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Appearance : Free flowing viscous liquid  
9.2 Color : Off white to creamish  
9.3 Water Solubility : Readily soluble  
9.4 pH : 6.5 { (+ / - )0.5 }  
9.5 Boiling Point : Not Determined  
9.6 Melting Point : Not Determined  
9.7 Evaporation Rate : Not Determined  
9.8 Vapor Density : Not Determined  
9.9 Vapor Pressure : Not Determined

**PART 10- STABILITY AND REACTIVITY**

10.1 Stability : Avoid storing below 20 Deg. C or above 40 Deg. C  
10.2 Reactivity : Keep away from strong base, oxidizing agents, Other chemicals and direct exposure to sunlight.

**PART 11- ECOLOGICAL INFORMATION**

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11.1 Eco-toxicological Effects : No adverse ecological effect.

### **PART 12- DISPOSAL CONSIDERATIONS**

12.1 General : Do not attempt to dispose off unused or Residual quantity. Avoid release to The environment. Dispose off as per the rules Of local legislation or PCRA.

### **PART 13- TRANSPORT INFORMATION**

13.1 General : Not classified as a hazardous liquid for Transport via road, rail, air, or sea. IATA, Code, DOT, IMDG and poison schedule Number not allocated for this product.

### **PART 14- REGULATORY INFORMATION**

14.1 Labelling : Not classified as dangerous.  
14.2 Occupational Exposure Limits : Not listed as hazardous material.

### **PART 15- TOXICOLOGICAL INFORMATION**

15.1 Rat Oral LD50 (mg/kg) : Below specified standard  
15.2 Rabbit Dermal LD50 (mg/kg) : Below specified standard

### **PART 16- OTHER INFORMATION**

16.1 Recommended uses and Restrictions : Please refer the product application and Information bulletin.

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Be sure to read and undertake all labels and instruction supplied with all containers of this product. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



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