



Health	1
Flammability	0
Reactivity	0
Personal Protection	B

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## MATERIAL SAFETY DATA SHEET

### SECTION I - General Information

**Product Name:** Trelux E.L.F. Stabilizer and Replenisher

**Catalog Number:** 55ST594, 55ST595, 55ST596, 55ST597, 55ST598

**Formula:** Aqueous Solution

### SECTION II - Product and \*Hazardous Ingredients Information

Concentrate	CAS #	PERCENT	PEL	SARA RQ / TPQ
* Hexamethylenetetramine	100-97-0	20-25	N/A	100#/500#
Isothiazoline Derivative	N/A	1-5	N/A	N/A N/A
Diethanolamine	111-42-2	1-5	3 ppm TWA	N/A N/A
Proprietary Ingredient	N/A	1-5	N/A	N/A N/A
Water	7732-18-5	70-75	N/A	N/A N/A
<b>Working Solution</b>				
* Hexamethylenetetramine	100-97-0	<1	N/A	100#/500#
Isothiazoline Derivative	N/A	<1	N/A	N/A N/A
Diethanolamine	111-42-2	<1	3 ppm TWA	N/A N/A
Proprietary Ingredient	N/A	<1	N/A	N/A N/A
Water	7732-18-5	99-100	N/A	N/A N/A

\* Hexamethylenetetramine may liberate formaldehyde and ammonia vapors in an acid medium or upon decomposition.

### SECTION III - Physical Data

#### Concentrate

BOILING POINT: >212° F  
VAPOR DENSITY(mmHg): N/A

SPECIFIC GRAVITY: 1.07

EVAPORATION RATE: N/A

APPEARANCE AND ODOR: Light yellow, odorless.

VAPOR PRESSURE (mmHg): N/A

SOLUBILITY IN WATER: Complete

pH: ~ 9.15

PERCENT VOLATILE BY WEIGHT: ~ 70 %

#### Working Solution

BOILING POINT: >212° F

VAPOR DENSITY(mmHg): same as water

SPECIFIC GRAVITY: 1.000

EVAPORATION RATE: same as water

APPEARANCE AND ODOR: Light yellow, odorless.

VAPOR PRESSURE (mmHg): same as water

SOLUBILITY IN WATER: Complete

pH: ~9.0

PERCENT VOLATILE BY WEIGHT: ~ 99 %

### SECTION IV - Fire and Explosion Hazard Data

**Flash Point:** N/A

**Flammable Limits:** LEL: NA UEL: NA

**Extinguishing Media:** Use appropriate agent for surrounding fire.

**Special Fire Fighting Procedures:** Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosions Hazards:** Excessive heat may cause hazardous decomposition products.

### SECTION V - Health Hazard Data

#### Effects of Overexposure:

**Inhalation:** Expected to be a low hazard under normal conditions.

**Eyes:** May cause irritation.

**Skin:** Repeated and prolonged contact may cause irritation.

**Ingestion:** Do not take internally. Harmful if swallowed. May cause irritation to upper digestive tract.

### **Emergency First Aid Procedures:**

**Eyes:** Flush with large amounts of water for 15 minutes. Seek medical attention immediately.

**Skin:** Wash skin with soap and water. If irritation occurs, seek medical attention.

**Ingestion:** **DO NOT** induce vomiting. Give victim a glass of water only if conscious. Seek medical attention immediately giving full details of amount ingested and toxicity.

**Inhalation:** Move to fresh air. Get medical attention if symptoms are present.

**TLV (ACGIH):** Formaldehyde, 3/10 ppm (TLV-C). Ammonia, 25 ppm (TWA). Diethanolamine, 3 ppm (TWA).

**PEL (OSHA):** Formaldehyde, 0.75 ppm (TWA). Ammonia, 35 ppm (STEL). Diethanolamine, 3 ppm (TWA).

**Carcinogenicity:** Formaldehyde is a suspected carcinogen • **Teratogenicity:** Lungs; formaldehyde • **Reproductive Toxicity:** N/A • **Mutagenicity:** Lungs; formaldehyde • **Synergistic Products:** N/A

### **SECTION VI - Reactivity Data**

**Stability:** Stable.

**Incompatibility:** Strong oxidizers and strong acids.

**Hazardous Decomposition Products:** Combustion will produce carbon dioxide and possibly carbon monoxide. May liberate formaldehyde and ammonia vapors in an acid medium or upon decomposition.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Do not store near strong oxidizers or strong acids.

### **SECTION VII - Spill or Leak Procedure**

**Steps to be Taken in Case Material is Released or Spilled:** Wear protective clothing as specified in Section VIII. If federal, state and local laws permit, flush to the sewer with large amounts of water.

**Waste Disposal:** If federal, state and/or local laws permit, flush to sewer with large amounts of water. Otherwise dispose of contaminated product and materials used in cleaning up the spill in a manner approved for this material. Consult proper federal, state and/or local regulatory agencies to ascertain proper disposal procedures.

### **SECTION VIII - Special Protection Information**

**Steps to be Taken in Case Material is Released or Spilled:** Wear protective clothing as specified in Section VIII. If federal, state and local laws permit, flush to the sewer with large amounts of water.

**Waste Disposal:** If federal, state and/or local laws permit, flush to sewer with large amounts of water. Otherwise dispose of contaminated product and materials used in cleaning up the spill in a manner approved for this material. Consult proper federal, state and/or local regulatory agencies to ascertain proper disposal procedures.

### **SECTION VIII - Special Protection Information**

**Respiratory Protection (Specify Type):** Should not be necessary under normal conditions.

**Ventilation:** Good local mechanical ventilation should be sufficient.

### **Protective Equipment:**

**Gloves:** Impervious gloves.

**Eyes:** Wear protective goggles.

**Other:** As necessary to prevent skin contact. Eyewash facilities in vicinity of use. The routine use of a non-alkaline type hand cleaner will minimize the possibility of an allergic skin reaction. If formaldehyde is released, use OSHA standard 29 CFR 1910.1048 for specific details regarding personal protective equipment.

### **SECTION IX - Special Precautions**

**Precautions to be Taken in Handling and Storage:** Do not store or consume food, drink or tobacco in area. Keep away from strong acids and oxidizing materials. Store above 40° F. Wash thoroughly after use.

The information contained in this material safety data sheet is furnished without warranty of any kind. The user should consider this data a supplement to other information gathered and must make independent determination of suitability and