



September 12, 1994

Health	2
Flammability	0
Reactivity	1
Personal Protection	C

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## MATERIAL SAFETY DATA SHEET

### SECTION I - General Information

**Product Name:** Trelux Bleach III Starter

**Catalog Number:** 55BL545, 55BL545S

**Formula:** Aqueous Solution

### SECTION II - Product and Hazardous Ingredients Information

<u>ITEM</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>PEL</u>	<u>SARA</u> <u>RQ / TPQ</u>
Potassium Hydroxide	1310-58-3	1-5	N/A	N/A / N/A
Potassium Acetate	127-08-2	45-50	N/A	N/A / N/A

### SECTION III - Physical Data

**BOILING POINT:** >212° F

**VAPOR DENSITY(mmHg):** ~0.6

**SPECIFIC GRAVITY:** 1.28

**EVAPORATION RATE:** N/A

**APPEARANCE AND ODOR:** Clear, colorless. Odorless.

**VAPOR PRESSURE (mmHg):**~N/A

**SOLUBILITY IN WATER:** Complete

**pH:** >14

**PERCENT VOLATILE BY WEIGHT** ~ 55%

### SECTION IV - Fire and Explosion Hazard Data

**Flash Point:** None

**Flammable Limits: LEL:** N/A **UEL:** N/A

**Extinguishing Media:** Use method appropriate 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:** Can emit toxic fumes under fire conditions. Contact with some metals may emit hydrogen gas.

### SECTION V - Health Hazard Data

**TLV (ACGIH):** Potassium Hydroxide, 2mg/m3 (TWA).

#### Effects of Overexposure:

**Inhalation:** Can be harmful if inhaled. May cause damage to mucous membranes and upper respiratory track.

**Eyes:** Will cause severe burns.

**Skin:** Prolonged contact can cause severe burns. Can be absorbed through skin.

**Ingestion:** Harmful or fatal if swallowed. Will cause severe burns to upper digestive tract.

**Carcinogenicity:** N/A • **Teratogenicity:** N/A • **Reproductive Toxicity:** N/A • **Mutagenicity:** NA •

**Synergistic Products:** N/A

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

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

**Skin:** Flush with large amounts of water for 15 minutes. Remove contaminated clothing. Seek medical attention.

**Ingestion: DO NOT** induce vomiting. Have victim drink water or milk if conscious. Seek medical attention immediately giving full details of amount ingested and toxicity.

**Inhalation:** Move to fresh air. Give oxygen if breathing is difficult.

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

**Stability:** Stable.

**Incompatibility:** Strong Acids.

**Hazardous Decomposition Products:** Carbon monoxide. Slight possibility of hydrogen gas with aluminum, zinc and tin.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.

### **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**

**Respiratory Protection (Specify Type):** If TLV is exceeded use an approved NIOSH/MSHA respirator.

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

#### **Protective Equipment:**

**Gloves:** Impervious gloves.

**Eyes:** Safety glasses with side shields, or goggles.

**Other:** As necessary to prevent skin contact. Eyewash facilities and emergency shower in vicinity of use.

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

**Precautions to be Taken in Handling and Storage:** Do not store above 130° F. Do not store near water or acids. Do not consume food, drink or tobacco in vicinity of 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 completeness of information from this and other sources to assure proper use and disposal of this materials and the health and safety of employees and customers. This statement is incorporated as part of this Material Safety Data Sheet.