



KIT01021  
KIT06578  
KIT06815

6133

# Material Safety Data Sheet

REC'D JUN 15 2000

## I. Product Identification

**Company Name:** Alco Controls Division Emerson Electric Co.

**Address:** 11911 Adie Road  
Maryland Heights, MO. 63043

**Tel. No.:** (314) 569-4569

**Product Name:** Acid Alert Test Kit, POE Acid Alert Test, Acid Alert Universal Test Kit

**Synonyms:** Toluene/Alcohol Blend (Large Bottle)

## II. Hazardous Ingredients of Mixtures

Material	(CAS#)	(Oral LD50)	(Dermal LD50)	% By Wt.	TLV	PEL
Toluene*	(108-88-3)	5000 mg/kg	14g/kg	<50	200 ppm	200 ppm
Methanol**	67-56-1	13g/kg	20g/kg	<35	200 ppm	200 ppm
Isopropanal ***	67-63-0	5840mg/kg	13g/kg	<30	400 ppm	400 ppm

\* Stel = 150 ppm; \*\* Stel = 1250 ppm; \*\*\*Stel = 500 ppm

## III. Physical Data

Vapor Pressure, mm Hg: Unknown  
Evaporation Rate (ether=1): N/AV  
Solubility in H<sub>2</sub>O: Complete  
Freezing Point F: N/A  
Boiling Point F: <212  
Specific Gravity H<sub>2</sub>O=1 @25C: Unknown

Vapor Density (Air=1) 60-90F: Unknown  
% Volatile by Wt. 100  
pH @: Solution N/A  
pH as Distributed: N/A  
Appearance: Clear, colorless solution  
Order: Characteristic

## IV. Fire and Explosion

**Flash Point:** <55F

**Flammable Limits:** Unknown

**Extinguishing Media:** In case of fire use CO<sub>2</sub>, foam or dry chemical

**Special Fire Fighting Procedures:** Exercise caution when fighting any chemical fire. Respiratory protection is essential.

**Unusual Fire and Explosion Hazards:** None

## V. Reactivity Data

**Stability - Conditions to Avoid:** Heat and open flame

**Incompatibility:** Unknown

**Hazardous Decomposition Products:** Unknown

**Conditions Contributing to Hazardous Polymerization:** None known

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**Phase II Refrigeration Oil Test Kit (L)**

**VI. Health Hazard Data**

**Effects of Overexposure:** (Medical conditions Aggravated/Target Organ Effects),

**A. Acute (Primary Route of Exposure) Eye and Skin:** May cause irritation. Prolonged and repeated contact to skin may result in dermatitis.

**Ingestion and Inhalation:** Harmful if swallowed or inhaled. May cause nausea, dizziness and upset stomach.

**B. Subchronic, Chronic, Other:** No available information was found.

**VII. Emergency and First Aid Procedures**

**Eye:** In case of contact, flush with plenty of water for at least 15 minutes. Call a physician.

**Skin:** In case of contact, flush with plenty of water. If irritation develops, call a physician

**Ingestion:** If swallowed, DO NOT induce vomiting. Call a physician

**Inhalation:** If inhaled, remove patient to fresh air

**VIII. Spill or Leak Procedures**

**Spill Management:** Flush away spill with plenty of water

**Water Disposal Methods:** Flush product waste down drain with plenty of water.

**IX. Protection Information/Control Measures**

**Respiratory:** Avoid breathing vapors

**Eyes:** Safety glasses

**Glove:** None required

**Other Clothing & Equipment:** None required

**Ventilation:** None required

**X. Special Precautions**

**Precautions to be taken in Handling & Storing:** Avoid contact with eyes, skin and clothing.

**Additional Information:** Keep away from heat, sparks. Wash hands after handling. Read and observe all label precautions.

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