

# Material Safety Data Sheet

## Section 1 Product and Company Identification

**Product Name:** **ALERT Gas Leak Detector**  
Revision #: 1.7 Date Prepared: May 17, 1995 Revised: February 19, 2013

**Manufacturer:**  
**LA-CO INDUSTRIES, Inc. *Markal* Co.**  
1201 Pratt Blvd.  
Elk Grove Village, IL, USA 60007-5746  
**Information Telephone:** 847-956-7600  
**Emergency Telephone:** Call CHEMTREC  
USA 800-424-9300  
International (Call Collect) 1-703-527-3887  
**Chemical Formula:** Mixture  
**CAS No.:** Not Applicable. **Derivation:** Not Applicable.  
**Synonyms:** Not Applicable.  
**General Use:** Gas Leak Detector

**Supplier/Importer:**

## Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
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No Hazardous ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, Canadian WHMIS regulations, and Australian Regulations for the Control of Workplace Hazardous Substances.

(For Section 2 footnotes: See Section 15)

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** None

**Risk Phrases (Canada):** None

**Precautionary Statements (Canada):** None

**POTENTIAL HEALTH EFFECTS:**

**Primary Exposure Routes:** None

**Acute Effects**

**Eyes:** None

**Skin:** None

**Ingestion:** Large quantities may cause nausea.

**Inhalation:** None

**Chronic Effects**

**Eyes:** None

**Skin:** None

**Ingestion:** None

**Inhalation:** None

**Carcinogenicity:** Not Applicable

**Target Organ Effects:** Not Applicable

**Medical Conditions Aggravated by Long-Term Exposure:** Not Determined, however not expected to have any aggravating effect.

**Other Information:** Not Applicable

**HMIS Rating (U.S.):** Health 0, Flammability 0, Reactivity 0

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**WHMIS Rating (Canada):** None

**HAZCHEM Code (Australia):** None

**Poisons Schedule Number (Australia):** None

## Section 4

## First Aid

**Eye Contact:** Flush with water.

**Skin Contact:** Flush with water.

**Ingestion:** Drink water to dilute.

**Inhalation:** Not Applicable.

**Other Information:** None.

## Section 5

## Fire Fighting Measures

**Flash Point (method):** None.

**Autoignition Temperature:** None.

**LEL:** Not Determined    **UEL:** Not Determined

**Flammability Classification:** Not Determined

**Extinguishing Media:** Water.

**Hazardous Combustion Products:** Small amount of carbon monoxide or carbon dioxide.

**Unusual Fire or Explosion Hazards:** None.

**Fire-Fighting Instructions/Equipment:** Keep personnel removed and upwind of any fire. As a general precaution wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

**NFPA Rating:** Health 0, Flammability 0, Reactivity 0

## Section 6

## Accidental Release Measures

Use recommended personal protective equipment (see Section 8).

**Small Spill:** Wipe or mop up. Flush remainder with water.

**Large Spill:** Soak up with absorbent material such as sawdust or clay.

## Section 7

## Handling and Storage

**Handling Precautions:** Use recommended personal protective equipment (see Section 8). Wash thoroughly after handling.

**Storage Requirements:** Store in a cool, dry area.

## Section 8

## Exposure Controls/Personal Protection

**Eye/Face Protection:** Safety glasses recommended as good industrial practice.

**Skin Protection:** Normally not needed.

**Respiratory Protection:** Not Applicable.

**Other Personal Protective Equipment:** Eye wash and safety shower recommended as good industrial practice.

**Engineering Controls:** Normal room ventilation.

**Administrative Controls:** Users of this product must be properly trained and qualified in its use.

**Other Information:** Not Applicable.

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## Section 9                      Physical and Chemical Properties

**Appearance/Physical State:** Orange liquid.

**Odor:** None.

**Odor Threshold (ppm):** Not Determined

**Specific Gravity (H<sub>2</sub>O = 1):** 1.01 (8.38 lbs./gal.)

**Solubility in Water:** Soluble.

**Coefficient of Water/Oil Solubility:** >>1

**pH:** 7

**Melting Point:** 32°F/0°C

**Boiling Point:** 212°F/100°C

**Vapor Pressure (mm Hg at 20°C):** Not Applicable

**Vapor Density (Air = 1):** Not Applicable

**Evaporation Rate (n-BuAc=1):** <<1

**V.O.C.:** 0%(w/w), 0%(v/v), 0 lbs./gal.(U.S.), 0 kg/l

## Section 10                      Stability and Reactivity

**Chemical Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None.

**Chemicals to Avoid:** None known

**Hazardous Decomposition Products (non-thermal):** None known.

## Section 11                      Toxicological Information

**Sensitization to Product:** Not Applicable

**Irritancy of Product:** Not Applicable

**Reproductive Toxicity:** Not Applicable

**Teratogenicity:** Not Applicable

**Mutagenicity:** Not Applicable

Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12                      Ecological Information

Not Determined.

## Section 13                      Disposal Considerations

Dispose of in accordance with applicable federal, state, and local regulations.

## Section 14                      Transport Information

**U.S. D.O.T.**

**Proper Shipping Name:** Not Regulated

**Hazard Class or Division:** Not Regulated

**I.D. Number:** Not Regulated

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**Australian Code for the Transport of Dangerous Goods**

**Dangerous Goods Class and Subsidiary Risk:** Not Regulated

## **Section 15**

## **Regulatory Information**

### **Footnotes for Section 2:**

- 1 Subject to the reporting requirements of SARA Title III, Section 313.
- 2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.
- 3 Appears on the Massachusetts Substances List.
- 4 Appears on the New Jersey Right-To-Know Hazardous Substances List.
- 5 Appears on the Pennsylvania Hazardous Substances List.
- 6 Appears on the Canadian WHMIS Ingredient Disclosure List.

**U.S. OSHA Hazard Status:** This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**U.S. EPA SARA sec. 311/312 Hazard Categories:** Not Applicable

**Canadian WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**Worksafe Australia Status:** This product is not classified as hazardous according to criteria of Worksafe Australia.

**U.S. Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**Canadian Domestic Substances List (DSL):** All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

**European Inventory of Existing Chemical Substances (EINECS):** All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard, the Canadian WHMIS Controlled Products Regulations, and the Australian NMRCWHS. This MSDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

## **Section 16**

## **Other Information**

**MSDS Prepared By:** Director of Chemical Safety

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