

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name: **SURE CHEK & VISU-GLOW**

Revision #: 1.3 Date Prepared: March 24, 1995 Date Revised: June 14, 2001

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

Ingredient

CAS No.

%

Propylene Glycol^{5,6}

57-55-6

25 - 50

Oral LD50(rat): >5g/kg

Dermal LD50(rabbit): >5g/kg

Skin irritation (rabbit): practically non-irritating (72 hr. mean irritation score = 0 to 2.

Eye irritation (rabbit): inconsequentially irritating.

(For Section 2 footnotes: See Section 15)

Section 3 Hazards Identification

EMERGENCY OVERVIEW: KEEP OUT OF REACH OF CHILDREN.

Risk Phrases (Canada): None.

Precautionary Statements (Canada): Keep out of reach of children.

POTENTIAL HEALTH EFFECTS:

Primary Exposure Routes: Eyes, Ingestion, Inhalation

Acute Effects

Eyes: May cause irritation.

Skin: None.

Ingestion: Single dose oral toxicity is low. Small amounts not expected to cause toxic effects. Very large amounts may show toxic effects.

Inhalation: Vapor or mist may cause headache, nausea or irritation.

Chronic Effects

Eyes: None Known.

Skin: Prolonged or repeated contact may cause irritation.

Ingestion: None Known.

Inhalation: None Known.

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Carcinogenicity: Not Applicable

Target Organ Effects: Not Applicable

Medical Conditions Aggravated by Long-Term Exposure: Not Determined

Other Information: Not Applicable

HMIS Rating (U.S.): Health 1, Flammability 1, Reactivity 0

WHMIS Rating (Canada): None.

HAZCHEM Code (Australia): None.

Poisons Schedule Number (Australia): Not Determined.

Section 4

First Aid

Eye Contact: Flush eyes with water for at least 15 minutes. See a physician if irritation persists.

Skin Contact: Wash effected areas with soap and water. Remove saturated clothing and wash before reuse.

Ingestion: Drink large amounts of water. Induce vomiting. Call a physician.

Inhalation: Move subject to fresh air. See a physician if irritation persists.

Other Information: None.

Section 5

Fire Fighting Measures

Flash Point (method): >225°F/107°C (coc)

Autoignition Temperature: Not Determined.

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

Flammability Classification: None.

Extinguishing Media: Dry chemical, water fog, alcohol foam.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

Unusual Fire or Explosion Hazards: None known.

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

NFPA Rating: Health 1, Flammability 1, Reactivity 0

Section 6

Accidental Release Measures

Use recommended personal protective equipment (see Section 8).

Spill area may be slippery.

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.

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Storage Requirements: Store in a cool, dry area.

Section 8 Exposure Controls/Personal Protection

Eye/Face Protection: Safety glasses or goggles.

Skin Protection: Not normally needed.

Respiratory Protection: NIOSH Approved dust/mist respirator in confined areas.

Other Personal Protective Equipment: Eye wash and safety shower.

Engineering Controls: Normal room ventilation. Local exhaust in confined areas.

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

Other Information: None.

Section 9 Physical and Chemical Properties

Appearance/Physical State: Blue/green liquid.

Odor: None.

Odor Threshold (ppm): Not Determined

Specific Gravity (H₂O = 1): Sure Check: 1.08 (8.96 lbs./gal.)

Visu-Glow: 1.03 (8.58 lbs./gal.)

Solubility in Water: Soluble

Coefficient of Water/Oil Solubility: >>1

pH: 7

Melting Point: Sure Chek: -55°F/-48°C Visu-Glow: 15°F/-10°C

Boiling Point: Approximately 220°F/105°C

Vapor Pressure (mm Hg at 20°C): Nil

Vapor Density (Air = 1): <1

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

V.O.C.:

Sure Chek: 40%(w/w), 40%(v/v), 3.3 lbs./gal.(U.S.), 0.4 kg/l

Visu-Glow: 30%(w/w), 30%(v/v), 2.5 lbs./gal.(U.S.), 0.3 kg/l

Section 10 Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None Known.

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

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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: None

Hazard Class or Division: None

I.D. Number: None

Australian Code for the Transport of Dangerous Goods

Dangerous Goods Class and Subsidiary Risk: Not Determined

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.

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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

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.