SAFE, SURE SMOKE DETECTOR TESTING

Smoke in a can® allows for a complete, functional test

NFPA 72, Table 7.2.2, states that "detectors shall be tested in place to ensure smoke entry into the sensing chamber and an alarm response."

Smoke! in a can® lets you meet this requirement without contaminating the detector, without affecting its sensitivity, and without increasing the risk of false alarms.

Patented formula evaporates completely

Smoke! in a can® is UL listed for all brands and models of photoelectric or ionization type smoke detectors.

Its safe, non toxic formula contains no CFCs. After verifying smoke entry into the detector, you can walk away assured that Smoke! in a can® will evaporate completely.

Smoke! in a can® works with standard extension equipment

800.547.2556
ESL/SENTROL, INC.

Smoke! in a can® is a product of Sentrol, Inc. / Patent Number 5.076.966 / Sentrol reserves the right to change product specification at any time. Use according to label instructions.

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: **Smoke-In-A-Can**
Product Number (s): 09637

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
1,2,3-Propanetriol	56-81-5	10mg/m3	(mist)	NE	1-5
Ethanol	64-17-5	1000 ppm	1000 ppm	NE	25-35
Propane	74-98-6	NE	1000 ppm	NE	25-35
Isobutane	75-28-5	NE	NE	1000 ppm	25-35

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Colorless liquid, alcohol odor.

Danger: Extremely Flammable. Contents Under Pressure.

Potential Health Effects:

Inhalation: High vapor concentration may cause drowsiness and irritation.
Eyes: Irritation
Skin: Irritation
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No
Chronic Overexposure: Prolonged or repeated skin contact may cause drying, cracking or irritation.
Medical Conditions Aggravated by Exposure: None known.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.

Eyes: Flush with large amounts of water for 15 minutes.

Skin: Remove contaminated clothing and wash area with soap and water.

Ingestion: Call a physician. Induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint:	56°F	Method:	TCC	LEL: 3.5	UEL: 21.2
Extinguishing Media:		Water spray, CO_2, dry chemical and alcohol foam			
Hazardous Combustion Products:		Acrolein			
Fire-fighting Instructions:		Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120°F.			

NFPA:	Health:	2	Flammability:	4	Reactivity:	0	
HMIS:	Health:	2	Flammability:	4	Reactivity:	0	PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Colorless liquid, alcohol odor
Specific Gravity:	0.81	Boiling Point:	172°F (initial)
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	NA	Vapor Density (air = 1)	1.6 (est.)
pH:	NA	Solubility:	Appreciable in water

Volatile Organic Compounds: %: 100 g/L: 810 lbs./gal: 6.76

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	Strong oxidizers.		
Hazardous Decomposition Products:	None		

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Environmental Fate:	No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name:	Consumer Commodity				
Hazard Class:	ORM-D	UN Number:	NA	Packing Group:	NA
Label:	NA	Placard:	NA		
Special Provisions:	NA				

Section 15: Regulatory Information

TSCA:	All components are either listed under TSCA or are exempt.			
SARA Title III:	Section 311/312:	Acute, Pressure	Section 313*:	None
CERCLA/Superfund (RQ):		NA		
Extremely Hazardous Substances:		No		
California Prop 65:		No		

* See section 2 for percentage

Section 16: Additional Information

Prepared By:	Adam M. Selisker	Date:	June 2, 1999
Technical Information:	(800) 521-3168	CRC #:	418

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Exposure Limit	g/L:	grams per Liter
UEL:	Upper Exposure Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity
COC:	Cleveland Closed Cup		