



MATERIAL SAFETY DATA SHEET
SMOKE ALARM TESTER

ISSUE DATE: 01.12

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product name Smoke Alarm Tester
Product No. PH043A - 140ml
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2. HAZARDS IDENTIFICATION

Classification 1999/45/EEC F+;R12.
Labelling



Risk Phrases R12 Extremely flammable.
Safety Phrases A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2 Do not spray on a naked flame or any incandescent material.
S2 Keep out of the reach of children.
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S51 Use only in well-ventilated areas.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation

Components No.	CAS No.	EC No.	Approx (%)	Classification (EC 1272/2008)	Classification (67/548/EEC)
HYDROCARBON PROPELLANT	68476-85-7	270-704-2	60-100%	Flam. Gas 1 - H220	F+;R12.
PROPAN-2-OL	67-63-0	200-661-7	10-30%	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT Single 3 - H336	F;R11;Xi;R36;R67

4. FIRST AID MEASURES

Eye contact: Irritation of eyes and mucous membranes. Rinse the eye with water immediately. Get medical attention if any discomfort continues.
Skin contact: Wash skin with soap and water. Get medical attention if any discomfort continues.
Inhalation: Vapours may cause drowsiness and dizziness. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.
Ingestion: Due to the physical nature of this material it is unlikely that swallowing will occur. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Extinguish with foam, carbon dioxide or dry powder.
Special Fire Fighting Procedures Use water to keep fire exposed containers cool and disperse vapours.
Unusual Fire and Explosion Hazards Aerosol cans may explode in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Do not smoke, use open fire or other sources of ignition.
Environmental precautions Do not discharge onto the ground or into water courses.
Clean up Methods Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water.

7. HANDLING AND STORAGE

Handling Precautions Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.
Storage Precautions Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	
HYDROCARBON PROPELLANT	WEL	600 ppm	1430 mg/m ³	750 ppm	1780 mg/m ³
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³

WEL = Workplace Exposure Limit.

Protective equipment



Engineering measures No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.
Hand protection For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Rubber, neoprene or PVC.
Eye protection Wear approved chemical safety goggles where eye exposure is reasonably probable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Aerosol.

10. STABILITY AND REACTIVITY

Reactivity No specific reactivity hazards associated with this product.
Chemical Stability Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions Not determined.
Hazardous Decomposition Products Fire or high temperatures create: Carbon dioxide (CO₂). Carbon monoxide (CO).
Conditions to Avoid Avoid heat, flames and other sources of ignition.
Materials to Avoid No incompatible groups noted.

11. TOXICOLOGICAL INFORMATION

Inhalation Vapours may cause drowsiness and dizziness.
Skin Repeated exposure may cause skin dryness or cracking.
Eye Irritation of eyes and mucous membranes.
Ingestion Gastrointestinal symptoms, including upset stomach.



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12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to be toxic to aquatic organisms.
Acute Toxicity - Fish	Not determined.
Degradability	There are no data on the degradability of this product.
Bioaccumulative potential	No data available on bioaccumulation.
Mobility	The product is soluble in water.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of waste and residues in accordance with local authority requirements.
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14. TRANSPORT INFORMATION

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
Proper Shipping Name	AEROSOLS
CADR/RID/ADN Class	Class 2.1: Flammable gases.
IMDG Class	2
ICAO Class/Division	2
Transport Labels	



Packing group	Not applicable.
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Environmentally Hazardous Substance/Marine Pollutant No.	
Tunnel Restriction Code	(D)

15. REGULATORY INFORMATION

Statutory Instruments	Control of Substances Hazardous to Health.
Guidance Notes	Workplace Exposure Limits EH40.
EU Legislation	Dangerous Preparations Directive 1999/45/EC.

16. OTHER INFORMATION

Risk Phrases In Full	R12	Extremely flammable.	
	R11	Highly flammable	
	R36	Irritating to eyes.	
	R67	Vapours may cause drowsiness and dizziness.	
	Hazard Statements In Full	H220	Extremely flammable gas.
		H225	Highly flammable liquid and vapour.
		H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.	

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.