



Chekkit Smoke Detector Tester
SAFETY DATA SHEET
 SDS0078CA

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	Product Name Trade Name CAS No. EINECS No.	Chekkit Smoke Detector Tester. CHEK02 - XXX (XXX denotes customer variant). Mixture. Mixture.
1.2 Recommended use of the chemical and restrictions on use	Identified Use(s) Uses Advised Against	Smoke simulation. None known.
1.3 Details of the supplier of the safety data sheet	Company Identification Telephone Fax E-mail	SDi 1345 Campus Parkway, Suite A18 Wall Township, NJ 07753 6815 (732) 751 9266 (732) 751 9241 sales@sdfire.com
1.4 Emergency telephone number	Info Trac	1-800-535-5053

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Hazardous Products Regulations	Gases under pressure: Liquefied gas; Contains gas under pressure; may explode if heated. Causes serious eye irritation.
2.2 Label elements	Product Name Hazard Pictogram(s) Signal Word(s) Hazard Statement(s) Precautionary Statement(s)	Chekkit Smoke Detector Tester. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS04</p> </div> <div style="text-align: center;">  <p>GHS07</p> </div> </div> <p>Warning.</p> <p>H280: Contains gas under pressure; may explode if heated. H319: Causes serious eye irritation. P264: Wash hands thoroughly after handling. P337+P313: If eye irritation persists: Get medical advice/attention. P410+P403: Protect from sunlight. Store in a well-ventilated place. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>

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Additional Information

14.5 % by mass of the contents are flammable.
Do not pierce or burn, even after use.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
Keep out of the reach of children. Keep away from combustible material. Keep away from sources of ignition - No smoking.

2.3 Other hazards

High concentrations: May cause drowsiness and dizziness.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

Hazardous Ingredient(s)	CAS No.	%W/W
1,1,1,2-tetrafluoroethane	811-97-2	50 - 100
Propan-2-ol	67-63-0	10 - 25

3.2 Additional Information

None.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact

Wash with plenty of soap and water.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

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5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurized container: May burst if heated.

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| 5.1 Extinguishing Media | Suitable Extinguishing Media | Extinguish with carbon dioxide, dry chemical, foam or water spray. |
| | Unsuitable Extinguishing Media | None known. |
| 5.2 Special hazards arising from the substance or mixture | | Heating may cause pressure rise with risk of bursting. |
| 5.3 Advice for fire-fighters | | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

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| 6.1 Personal precautions, protective equipment and emergency procedures | | Ensure adequate ventilation. Avoid inhalation of high concentrations of vapors. Wear suitable gloves and eye/face protection. |
| 6.2 Environmental precautions | | Do not release large quantities into the surface water or into drains. |
| 6.3 Methods and material for containment and cleaning up | | Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty. |
| 6.4 Reference to other sections | | See Also Section: 8, 13. |

7. SECTION 7: HANDLING AND STORAGE

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|---|------------------------|---|
| 7.1 Precautions for safe handling | | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Provide adequate ventilation. Avoid inhalation of high concentrations of vapors. Avoid contact with eyes. Avoid prolonged skin contact. Wear suitable gloves if prolonged skin contact is likely. See Section: 8. Do not eat, drink or smoke during work. Wash hands thoroughly after handling. |
| 7.2 Conditions for safe storage, including any incompatibilities | Storage temperature | Protect from sunlight. Store in a well-ventilated place. |
| | Storage life | Ambient. |
| | Incompatible materials | Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. |
| 7.3 Specific end use(s) | | Stable under normal conditions. |
| | | None anticipated. |
| | | Smoke simulation. |

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LEL (8 hr TWA ppm)	LEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
1,1,1,2-tetrafluoroethane	811-97-2	-	-	-	-	Canada (Ontario)
		-	-	-	-	Canada (Québec)
Propan-2-ol	67-63-0	200	-	400	-	Canada (Ontario)
		400	983	500	1230	Canada (Québec)

Source:

CCOHS = Canadian Centre for Occupational Health and Safety

- Règlement 833 (Canada, Ontario)
- Règlement sur la santé et la sécurité du travail (Canada, Québec)

8.2 Appropriate engineering controls

Provide adequate ventilation.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection



If eye contact is likely: Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Gloves: Nitrile rubber, NBR.

Respiratory protection



No personal respiratory protective equipment normally required. Handling of larger amounts: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not applicable.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Color	Colorless.
Odor	Characteristic.
Odor Threshold	Not determined.
pH	Not determined.
Melting Point/Freezing Point	Not determined.
Initial boiling point and boiling range	-14.8°F (-26 °C)
Flash Point	55.4°F (13 °C)
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Non-flammable. Tested to CFR 1910.1200 Appendix B – B.3
Upper/lower flammability or explosive limits	Explosive Limit Ranges: 2.0 – 12.0 Vol-%

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Vapor pressure	60.7 psig (5.2 bar) @ 68°F
Density	70.67 lb/ft ³ (1.132 g/cm ³) @ 68°F
Vapor density	Not determined.
Relative density	Not determined.
Solubility(ies)	Immiscible with water.
Partition coefficient: n-octanol/water	Not determined.
Ignition temperature	797°F (425 °C)
Auto-ignition temperature	Product is not selfigniting.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not determined.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidizing properties	Not oxidizing.
9.2 Other information	
Organic solvents - Content	14.8%

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Stable under normal conditions.
10.4 Conditions to avoid	Heat and direct sunlight.
10.5 Incompatible materials	None anticipated.
10.6 Hazardous decomposition product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixtures	
Acute toxicity	Low acute toxicity.
Irritation	Causes serious eye irritation.
Corrosivity	Not classified.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
Aspiration hazard	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

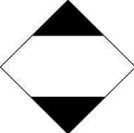
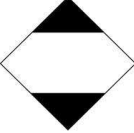
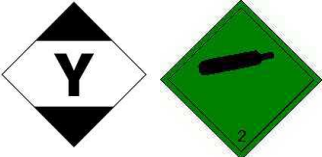
12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	The product is readily biodegradable. Unlikely to persist.
12.3 Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4 Mobility in soil	Immiscible with water. The product is predicted to have low mobility in soil.
12.5 Other adverse effects	None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility. Do NOT landfill.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.

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14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number	ADR, IMDG, IATA, TDG	UN1950
14.2 UN Proper Shipping Name	ADR	1950 AEROSOLS
	IMDG, TDG	AEROSOLS
	IATA	AEROSOLS, Non-flammable
14.3 Transport hazard class(es)	ADR	
	Class / Classification	2 5A Gases.
	Label	2.2
	IMDG, IATA, TDG	
	Class / Division	2.2
	Label	2.2
14.4 Packing group	ADR, IMDG, IATA, TDG	None.
14.5 Environmental hazards	Marine Pollutant	No.
14.6 Special precautions for user	Warning: Gases.	-
	Kemler Code	-
	IMDG EMS	F-D, S-U
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		Not applicable.
14.8 Additional Information		
	ADR	
	Limited Quantity (LQ)	1 L
		
	ADR Transport Category	2
	Tunnel Restriction Code	Not applicable in Limited Quantities.
	IMDG, TDG	
	Limited Quantity (LQ)	1L
		
	IATA, TDG	
	Limited Quantity (LQ)	1L
		
UN Model Regulation		UN 1950, AEROSOLS, 2.2
US		ORM-D when transported in limited quantities (< 30kg or 66lb gross weight).



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15. SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with HPR and the SDS contains all the information required by HPR.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 Canadian Regulations

Domestic Substances List (DSL)	All chemicals listed.
Export Control List	All chemicals are not listed.
Priority Substances List (PSL)	All chemicals are not listed.
Toxic Substances List	All chemicals are not listed.
National Pollutant Release Inventory (NPRI) Substance List	Listed: Propan-2-ol (CAS No.: 67-63-0)

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
ADR	Accord européen relative au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
TDG	Transportation of Dangerous Goods
ORM-D	Other Regulated Materials for Domestic Transport Only
HPR	Hazardous Products Regulations
SDS	Safety Data Sheets

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