



SAFETY DATA SHEET

SDS0081CA-EN

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

1.1 Product identifier	Product Name Trade Name CAS No. EINECS No. REACH Registration No.	SOLO CO Fire Detector Tester. SOLO C6-XXX (XXX denotes customer variant). Mixture. Mixture. None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	Identified Use(s) Uses Advised Against	Trace carbon monoxide (CO) source. None known.
1.3 Details of the supplier of the safety data sheet	Company Identification Telephone Fax E-mail	SDi, LLC, 3535 State Highway 66, Parkway 100 Building 6, Neptune NJ07753, USA. (732) 751 9266 (732) 751 9241 sales@sdifire.com
1.4 Emergency telephone number	Info Trac	1-800-535-5053
1.5 Address of Manufacturer	Telephone Fax E-mail	Detectortesters (No Climb Products Ltd). Edison House, 163 Dixons Hill Road, Welham Green, Hertfordshire AL9 7JE. United Kingdom +44 (0) 1707 282760 +44 (0) 1707 282777 SDS@detectortesters.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	WHMIS Classification	Gases under pressure: Compressed gas; Contains gas under pressure; may explode if heated. Repr. 1A May damage the unborn child.
2.2 Label elements	Product Name Hazard Pictogram(s)	SOLO CO Fire Detector Tester   GHS04 GHS08
Signal Word(s)		Warning.
Hazard Statement(s)		H280: Contains gas under pressure; may explode if heated. H360D: May damage the unborn child.
Precautionary Statement(s)		P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P281: Use personal protective equipment as required. P405: Store locked up. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C. 0.19 % by mass of the contents are flammable. Do not pierce or burn, even after use. Pressurised container: Do not expose to temperatures exceeding 122°F.
2.3 Other hazards	Additional Information	None.
2.4 Additional Information		None.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

Hazardous Ingredient(s)	%W/W	CAS No.
Carbon monoxide	<1	630-08-0

3.2 Additional Information

None.

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. Seek medical attention if ill effects occur.



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- Skin Contact Not applicable.
- Eye Contact Flush eyes with water for at least 15 minutes while holding eyelids open.
- 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** IF exposed or concerned: Get medical advice/attention.

SECTION 5: FIREFIGHTING MEASURES

- Pressurised container: May burst if heated.
- 5.1 Extinguishing media**
 - Suitable Extinguishing media Extinguish with waterspray.
 - 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- The product is an aerosol. It is unlikely to present spillage or leakage hazard.
- 6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. Use personal protective equipment as required.
- 6.2 Environmental precautions** No special measures are required.
- 6.3 Methods and material for containment and cleaning up** Collect mechanically and dispose of according to Section 13. Containers must not be punctured or destroyed by burning, even when empty.
- 6.4 Reference to other sections** See Also Section: 8, 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Under these conditions of use personal protective equipment is not necessary. No smoking. Do not pierce or burn, even after use. Provide adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**
 - Storage temperature Store locked up. Protect from sunlight and store in well-ventilated place. Observe official regulations on storing packagings with pressurised containers.
 - Storage life Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
 - Incompatible materials Stable under normal conditions.
- 7.3 Specific end use(s)** None anticipated.
Trace carbon monoxide (CO) source.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational Exposure Limits**

SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Carbon monoxide	630-08-0	25	-	-	-	Ontario (Canada)
		25	-	-	-	ACGIH

Source:

CCOHS = Canadian Centre for Occupational Health and Safety
- Règlement 833 (Canada, Ontario)

ACGIH = American Conference of Governmental Industrial Hygienists.

- 8.2 Appropriate engineering controls** Provide adequate ventilation.
- 8.3 Personal protection equipment**

Eye/ face protection

Not normally required.



Skin protection (Hand protection/ Other)

Not normally required.



Respiratory protection

No personal respiratory protective equipment normally required.



Thermal hazards

Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1	Information on basic physical and chemical properties	
	Appearance	Aerosol.
	Colour.	Colourless.
	Odour	None.
	Odour Threshold (ppm)	Not applicable.
	pH (Value)	Not determined.
	Melting Point / Freezing Point	Not determined.
	Initial boiling point and boiling range	Not available.
	Flash Point	Not available.
	Evaporation rate	Not applicable.
	Flammability (solid, gas)	Non-flammable. Tested to CFR 1910.1200 Appendix B – B.3
	Upper/lower flammability or explosive limits	Not determined.
	Vapour pressure	Not determined.
	Vapour density	Not determined.
	Relative density	Heavier than air.
	Solubility(ies)	Not determined.
	Partition Coefficient (n-Octanol/water)	Not determined.
	Ignition temperature	Not determined.
	Auto Ignition Point (°C)	Not determined.
	Decomposition Temperature (°C)	Not determined.
	Kinematic Viscosity	Not determined.
	Explosive properties	Contains gas under pressure; may explode if heated.
	Oxidising properties	Not oxidising.
9.2	Other information	None.

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	No hazardous reactions known if used for its intended purpose.
10.4	Conditions to avoid	Heat and direct sunlight.
10.5	Incompatible materials	None anticipated.
10.6	Hazardous decomposition product(s)	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
11.1.1	Mixtures	
	Acute toxicity	Low acute toxicity.
	Irritation	Non-irritant.
	Corrosivity	Not classified.
	Sensitisation	It is not a skin sensitiser.
	Repeated dose toxicity	None anticipated.
	Carcinogenicity	No evidence of carcinogenicity.
	Mutagenicity	There is no evidence of mutagenic potential.
	Toxicity for reproduction	May damage the unborn child.
	Aspiration hazard	None anticipated.
11.2	Other information	None.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	No information available.
12.3	Bioaccumulative potential	No information available.
12.4	Mobility in soil	The product is predicted to have low mobility in soil.
12.5	Other adverse effects	None.

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. Do not allow to enter drains, sewers or watercourses.

SECTION 14: TRANSPORT INFORMATION

14.1	UN number	
	ADR, IMDG, IATA,	UN 1950.
14.2	UN proper shipping name	
	ADR	1950 AEROSOLS
	IMDG	AEROSOLS
	IATA	AEROSOLS, Non-flammable.



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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 None.

14.5 Environmental hazards

Marine Pollutant None.

14.6 Special precautions for user

Warning: Gases
Kemler Code -
IMDG EMS F-D, S-U

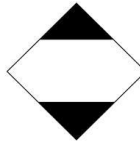
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

14.8 Additional Information

ADR

Limited Quantity (LQ) 1L

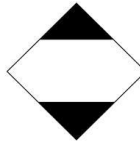


ADR Transport Category 3
Tunnel Restriction Code

3
Not applicable in Limited Quantities.

IMDG

Limited Quantity (LQ) 1L



IATA

Limited Quantity (LQ) 1L



UN Model Regulation
US

UN 1950, AEROSOLS, 2.2
ORM-D when transported in limited quantities (< 30kg or 66lb gross weight).

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)	Listed: Carbon monoxide (CAS No.: 630-08-0)
Export Control List	Not listed
Priority Substances List (PSL)	Not listed
Toxic Substances List	Not listed
National Pollutant Release Inventory (NPRI)	Listed: Carbon monoxide (CAS No.: 630-08-0)
Substance List	

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1,2,8

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
CCOHS	Canadian Centre for Occupational Health and Safety
ADR	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

Disclaimers



SOLO CO Fire Detector Tester

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Annex to the extended Safety Data Sheet (eSDS)

No information available.