

SOLO CO Fire Detector Tester
SAFETY DATA SHEET
SDS0081US-EN
 ACCORDING TO US CFR 1910.1200

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

- 1.1 Product identifier**
 Product Name SOLO CO Fire Detector Tester.
 Trade Name SOLO C6-XXX (XXX denotes customer variant).
 CAS No. Mixture.
 EINECS No. Mixture.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
 Identified Use(s) Trace carbon monoxide (CO) source.
 Uses Advised Against None known.
- 1.3 Details of the supplier of the safety data sheet**
 Company Identification SDi, LLC, 3535 State Highway 66, Parkway 100 Building 6, Neptune NJ 07753, USA.
 Telephone (732) 751 9266
 Fax (732) 751 9241
 E-mail sales@sdifire.com
- 1.4 Emergency telephone number**
 Info Trac 1-800-535-5053
- 1.5 Address of Manufacturer**
 Company Identification Detectortesters (No Climb Products Ltd), Edison House, 163 Dixons Hill Road, Welham Green Hertfordshire AL9 7JE. United Kingdom
 Telephone +44 (0) 1707 282760
 Fax +44 (0) 1707 282777
 E-mail SDS@detectortesters.com

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
 US CFR 1910.1200 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 SOLO CO Fire Detector Tester
 Hazard Pictogram(s)
- 

- 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.
 Additional Information 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** None.
- 2.4 Additional Information** None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

Hazardous Ingredient(s)	%W/W	CAS No.
Carbon monoxide	<0.3	630-08-0

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. Seek medical attention if ill effects occur.
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.

5. 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.

6. 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.

7. 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.

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- 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.

8. 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/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Carbon monoxide	630-08-0	25	29	-	-	ACGIH
		35	40	200	229	NIOSH
		50	55	-	-	PEL (OSHA)

Source:

ACGIH = American Conference of Government Industrial Hygienists

NIOSH = National Institute of Occupational Safety & Health

OSHA = Occupational Safety and Health Administration

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.

9. 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.

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	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.

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	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.

11. 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.

12. 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.

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

14. 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

Kemler Code

Warning: Gases

IMDG EMS

-
F-D, S-U

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

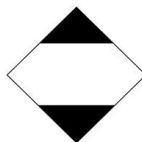
Not applicable.

14.8 Additional Information

ADR

Limited Quantity (LQ)

1L



ADR Transport Category

3

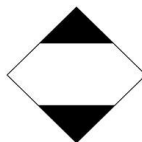
Tunnel Restriction Code

Not applicable in Limited Quantities.

IMDG

Limited Quantity (LQ)

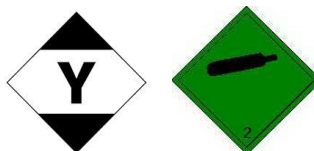
1L



IATA

Limited Quantity (LQ)

1L



UN

UN Model Regulation

AEROSOLS, 2.2

US

ORM-D when transported in limited quantities (< 30kg or 66lb gross weight).

15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 OSHA

Toxic and hazardous substances (29 CFR 1910; Subpart Z)

Listed: Carbon monoxide (CAS No.: 630-08-0)

National emission standards for hazardous air pollutants (40 CFR 61.01)

All chemicals are not listed.

15.1.2 Title III Consolidated List of Lists

All chemicals are not listed

15.1.3 OSPAR List of Chemicals for Priority Action

All chemicals are not listed

15.1.4 State Right to Know Lists

Carbon monoxide (CAS No.: 630-08-0): New Jersey, Pennsylvania, Massachusetts.

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15.1.5	TSCA (Toxic Substance Control Act)	Listed: Carbon monoxide (CAS No.: 630-08-0)
15.1.6	Proposition 65 (California)	Listed: Carbon monoxide (CAS No.: 630-08-0)
15.1.7	CAA 602 - Ozone Depleting Substances (ODS)	All chemicals are not listed.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1.3.

NFPA		HMIS	
Health	0	Health	2
Fire	0	Flammability	0
Instability	0	Physical hazards	0

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute of Occupational Safety & Health
PEL	Permissible Exposure Limits
OSHA	Occupational Safety and Health Administration
OSPAR	Oslo and Paris Convention
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
NFPA	National Fire Protection Association
HMIS	Hazardous Material Identification System

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.