



SOLO CO Fire Detector Tester
SAFETY DATA SHEET

SDS0067US
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 Recommended use of the chemical and restrictions on use

Identified Use(s)	Trace carbon monoxide (CO) source.
Uses Advised Against	None known.

1.3 Details of the supplier of the safety data sheet

1.3.1 Distributor

Company Identification	SDi 1345 Campus Parkway, Suite A18 Wall Township, NJ 07753 6815
Telephone	(732) 751 9266
Fax	(732) 751 9241
E-mail	sales@sdfire.com

1.4 Emergency telephone number

Info Trac	1-800-535-5053
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2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

US CFR 1910.1200	Gases under pressure: Liquefied gas; Contains gas under pressure; may explode if heated. Repr. 1A: May damage the unborn child.
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2.2 Label elements

Product Name	SOLO CO Fire Detector Tester.
Hazard Pictogram(s)	 

Signal Word(s)	Danger.
Hazard Statement(s)	H280: Contains gas under pressure; may explode if heated. H360D: May damage the unborn child.



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Precautionary Statement(s)	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P281: Use personal protective equipment as required.</p> <p>P405: Store locked up.</p> <p>P308+P313: IF exposed or concerned: Get medical advice/attention.</p> <p>P410+P403: Protect from sunlight. Store in a well-ventilated place.</p>
Additional Information	<p>0.19 % by mass of the contents are flammable.</p> <p>Do not pierce or burn, even after use.</p> <p>Pressurized container: protect from sunlight and do not expose to temperatures exceeding 122°F.</p> <p>Disposal should be in accordance with local, state or national legislation.</p> <p>Please refer to SDS for further details of safety precautions or instructions.</p>
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)	CAS No.	%W/W
Carbon monoxide	630-08-0	< 1

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.
Skin Contact	Wash with plenty of soap and water.
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 attention/advice.



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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
Unsuitable Extinguishing Media | Extinguish with waterspray.
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.

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| 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

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| 7.1 Precautions for safe handling | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Intended for use as a tester spray for carbon monoxide detectors involving spraying short bursts of gas at the detector via a tube at close range. Under these conditions of use personal protective equipment is not necessary. Wear respiratory protective equipment if accidental exposure to large amounts of gas is anticipated. See Section: 8. Provide adequate ventilation. Do not pierce or burn, even after use. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store locked up. Protect from sunlight. Store in a well-ventilated place. Observe official regulations on storing packagings with pressurized containers. |
| Storage temperature | Pressurized container: protect from sunlight and do not expose to temperatures exceeding 122°F. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | None anticipated. |

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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
Carbon monoxide	630-08-0	35	40	200	229	NIOSH
		50	55	-	-	PEL (OSHA)

Source:

NIOSH = National Institute of Occupational Safety & Health

OSHA = Occupational Safety and Health Administration

8.2 Appropriate engineering controls

Provide adequate ventilation.

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

Use personal protective equipment as required.

Eye/face protection

Not normally required.



Skin protection (Hand protection/ Other)

Not normally required.



Respiratory protection

Not normally required.



If exposure to large amounts is anticipated provide adequate ventilation and/or wear suitable respiratory protective 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	None.
Odor Threshold	Not applicable.
pH	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.
Upper/lower flammability or explosive limits	Tested to CFR 1910.1200 Appendix B – B.3
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	Heavier than air.
Solubility(ies)	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Not determined.



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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	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	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	
Mixtures	
Acute toxicity	Low acute toxicity.
Irritation	Non-irritant.
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	May damage the unborn child.
Aspiration hazard	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

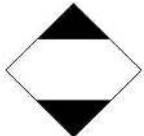
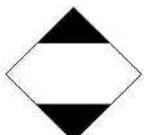


12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	The product is predicted to have low mobility in soil.
12.5 Other adverse effects	None.

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.

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14. SECTION 14: TRANSPORT INFORMATION

<p>14.1 UN number ADR, IMDG, IATA, TDG</p>	<p>UN 1950</p>
<p>14.2 UN Proper Shipping Name ADR IMDG, TDG IATA</p>	<p>1950 AEROSOLS AEROSOLS AEROSOLS, Non-flammable</p>
<p>14.3 Transport hazard class(es) ADR Class / Classification Label</p> <p>IMDG, IATA, TDG Class / Division Label</p>	<p>2 5A Gases. 2.2</p> <p>2.2 2.2</p>
<p>14.4 Packing Group ADR, IMDG, IATA</p>	<p>None.</p>
<p>14.5 Environmental hazards Marine Pollutant</p>	<p>No.</p>
<p>14.6 Special precautions for user Kemler Code IMDG EMS</p>	<p>Warning: Gases. - F-D, S-U</p>
<p>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</p>	<p>Not applicable.</p>
<p>14.8 Additional Information ADR Limited Quantity (LQ)</p> <p>ADR Transport Category Tunnel Restriction Code</p> <p>IMDG, TDG Limited Quantity (LQ)</p> <p>IATA, TDG Limited Quantity (LQ)</p> <p>UN Model Regulation US</p>	<p>1 L</p>  <p>3 Not applicable in Limited Quantities.</p> <p>1L</p>  <p>1L</p>   <p>UN1950, AEROSOLS, 2.2 ORM-D when transported in limited quantities (< 30kg or 66lb gross weight).</p>



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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.
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: 1-16.

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
NIOSH	National Institute of Occupational Safety & Health
PEL	Permissible Exposure Limits
CAA	Clean Air Act
OSHA	Occupational Safety and Health Administration
OSPAR	Oslo and Paris Convention
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
NFPA	National Fire Protection Association
HMIS	Hazardous Material Identification System

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