

# SAFETY DATA SHEET



SDS0081US-EN

ACCORDING TO US CFR 1910.1200

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

<b>1.1 Product identifier</b>	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.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Identified Use(s) Uses Advised Against	Trace carbon monoxide (CO) source. None known.
<b>1.3 Details of the supplier of the safety data sheet</b>	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
<b>1.4 Emergency telephone number</b>	Info Trac	1-800-535-5053
<b>1.5 Address of Manufacturer</b>	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 <a href="mailto:SDS@detectortesters.com">SDS@detectortesters.com</a>

## SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	US CFR 1910.1200	Gases under pressure: Compressed gas; Contains gas under pressure; may explode if heated. Repr. 1A May damage the unborn child.
<b>2.2 Label elements</b>	Product Name Hazard Pictogram(s)	SOLO CO Fire Detector Tester
		 
	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.
<b>2.3 Other hazards</b>	Additional Information	None.
<b>2.4 Additional Information</b>	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.  
 Skin Contact: Not applicable.  
 Eye Contact: Flush eyes with water for at least 15 minutes while holding eyelids open.
- 4.2 Most important symptoms and effects, both acute and delayed**  
 Ingestion: Unlikely route of exposure.  
 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**

- 5.1 Extinguishing media**  
 Pressurised container: May burst if heated.  
 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.  
 None anticipated.
- 7.3 Specific end use(s)**  
 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/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	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 Personal protection equipment**



### SOLO CO Fire Detector Tester

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 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.

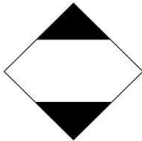
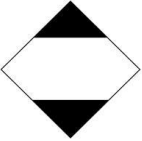


**SECTION 12: ECOLOGICAL INFORMATION**

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

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1	<b>Waste treatment methods</b>	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	<b>Additional Information</b>	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	<b>UN number</b>	UN 1950.
	<b>ADR, IMDG, IATA</b>	
14.2	<b>UN proper shipping name</b>	1950 AEROSOLS
	<b>ADR</b>	AEROSOLS
	<b>IMDG</b>	AEROSOLS, Non-flammable.
	<b>IATA</b>	
14.3	<b>Transport hazard class(es)</b>	
	<b>ADR</b>	
	Class / Classification	2 5A Gases.
	Label	2.2
	<b>IMDG, IATA, TDG</b>	
	Class / Division	2.2
	Label	2.2
14.4	<b>Packing group</b>	None.
	<b>ADR, IMDG, IATA</b>	
14.5	<b>Environmental hazards</b>	
	Marine Pollutant	None.
14.6	<b>Special precautions for user</b>	Warning: Gases
	Kemler Code	-
	IMDG EMS	F-D, S-U
14.7	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.
14.8	<b>Additional Information</b>	
	<b>ADR</b>	
	Limited Quantity (LQ)	1L
		
	ADR Transport Category	3
	Tunnel Restriction Code	Not applicable in Limited Quantities.
	<b>IMDG</b>	
	Limited Quantity (LQ)	1L
		
	<b>IATA</b>	
	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).



## SOLO CO Fire Detector Tester

### 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.

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2,4,8.

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
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.