

SOLO CO Fire Detector Tester

SAFETY DATA SHEET

SDS0067UK

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 2015/830

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 C3-XXX (XXX denotes customer variant).
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.

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	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

1.4 Emergency telephone number

Emergency Phone No.	+44 (0) 1707 282760
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2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Aerosol 3; Pressurised container: May burst if heated.
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2.2 Label elements

Hazard Pictogram(s)	None.
Signal Word(s)	Warning.
Hazard Statement(s)	H229: Pressurised container: May burst if heated.
Precautionary Statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251: Do not pierce or burn, even after use. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Additional Information	0.19 % by mass of the contents are flammable.

2.3 Other hazards

None.

2.4 Additional Information

None.

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3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Pictogram(s) and Hazard Statement(s)
Carbon monoxide	<1	630-08-0	211-128-3	None assigned	GHS02, Flam. Gas 1; H220 GHS04, Press. Gas; H280 GHS06, Acute Tox. 3; H331 GHS08, Repr. 1A; H360D, STOT RE 1; H372

3.2 Additional Information

For full text of H/P statements see section 16.

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 skin with 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

Unlikely to be required but if necessary treat symptomatically.

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.

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.

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6.4 Reference to other sections

See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

- 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. Provide adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**
 Storage temperature Observe official regulations on storing packagings with pressurised containers.
 Storage life Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.
 Incompatible materials Stable under normal conditions.
 None anticipated.
- 7.3 Specific end use(s)** 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.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Carbon monoxide	630-08-0	30	35	200	232	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 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. Handling of larger amounts: In case of insufficient ventilation, wear suitable respiratory equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

No special measures are required.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Colourless.
Odour	None.
Odour 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	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.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Dynamic viscosity	Not determined.
Kinematic Viscosity	Not determined.
Explosive properties	Not explosive.

Pressurised container: May burst if heated.

9.2 Oxidising properties

Not oxidising.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Stability and 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)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitization	It is not a skin sensitiser.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	None anticipated.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
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.

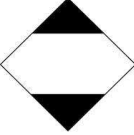
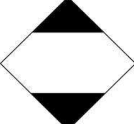
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12.4	Mobility in soil	The product is predicted to have low mobility in soil.
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None.

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	UN 1950
	ADR, IMDG, IATA	
14.2	UN proper shipping name	1950 AEROSOLS
	ADR	AEROSOLS, Non-flammable.
	IMDG, IATA	
14.3	Transport hazard class(es)/ Division	
	ADR	
	Class / Classification	2 5A Gases.
	Label	2.2
	IMDG, IATA	
	Class / Division	2
	Label	2.2
14.4	Packing group	None.
	ADR, IMDG, IATA	
14.5	Environmental hazards	No.
	Marine Pollutant	
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)	1 L
		
	ADR Transport Category	3
	Tunnel Restriction Code	Not applicable in Limited Quantities.
	IMDG	
	Limited Quantity (LQ)	1 L
		

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IATA
Limited Quantity (LQ)

1 L



UN Model Regulation

UN 1950, AEROSOLS, 2.2

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1 EU regulations	
Authorisations and/or Restrictions On Use	
Candidate List of Substances of Very High Concern for Authorisation	Not listed.
REACH: ANNEX XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles	Not listed.
REACH: ANNEX XIV list of substances subject to authorisation	Not listed.
Community Rolling Action Plan (CoRAP)	Not listed.
15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 10, 11.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
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
CDG	Carriage of Dangerous Goods
Acute Tox. 3	Acute toxicity Category 3
Aerosol 3	Aerosol Category 3
Flam. Gas 1	Flammable gas Category 1
Press. Gas	Gases under pressure
Repr. 1A	Reproductive toxicity Category 1
STOT RE 1	Specific target organ toxicity — repeated exposure Category 1

Hazard Statement(s)

H220	Extremely flammable gas.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H331	Toxic if inhaled.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.



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Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.