



SOLO CO 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 Detector Tester |
| | Trade Name | SOLO C3-XXX, SOLO C6-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 |

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. |
| 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
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.

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

No special measures are required.



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- 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** 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. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.
 - Storage life Stable under normal conditions.
 - Incompatible materials 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/m³) | STEL (ppm) | STEL (mg/m³) | 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.



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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. |

| | |
|----------------------|---|
| Oxidising properties | Pressurised container: May burst if heated. 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. |



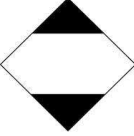
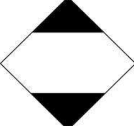
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| | | |
|------|---|--|
| 12.4 | Mobility in soil | The product is predicted to have low mobility in soil. |
| 12.5 | Results of PBT and vPvB assessment | Not classified as PBT or vPvB. |
| 12.6 | Other adverse effects | None. |

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: 1.1.

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.