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.
EtNECS 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@sdifire.com

1.4 Emergency telephone number
Info Trac
1-800-535-5053

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.

2.2 Label elements
Product Name
SOLO CO Fire Detector Tester.
Hazard Pictogram(s)
GHS04  GHS08
Signal Word(s)
Danger.
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.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P410+P403: Protect from sunlight. Store in a well-ventilated place.

Additional Information

0.19 % by mass of the contents are flammable.
Do not pierce or burn, even after use.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 122°F.
Disposal should be in accordance with local, state or national legislation.
Please refer to SDS for further details of safety precautions or instructions.

2.3 Other hazards

None.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Mixtures

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>CAS No.</th>
<th>%W/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide</td>
<td>630-08-0</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

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.
5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurized 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. 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.
8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
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<tbody>
<tr>
<td>Carbon monoxide</td>
<td>630-08-0</td>
<td>35</td>
<td>40</td>
<td>200</td>
<td>229</td>
<td>NIOSH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50</td>
<td>55</td>
<td>-</td>
<td>-</td>
<td>PEL (OSHA)</td>
</tr>
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</table>

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
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.
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.
## 14. SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number
ADR, IMDG, IATA, TDG
UN 1950

### 14.2 UN Proper Shipping Name
ADR
IMDG, TDG
IATA

<table>
<thead>
<tr>
<th>AEROSOLS</th>
<th>AEROSOLS, Non-flammable</th>
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### 14.3 Transport hazard class(es)

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<tr>
<td>Class / Classification</td>
<td>2, 5A Gases.</td>
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<tr>
<td>Label</td>
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### 14.4 Packing Group
ADR, IMDG, IATA
None.

### 14.5 Environmental hazards
Marine Pollutant
No.

### 14.6 Special precautions for user
Kemler Code
IMDG EMS
- F-D, S-U

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 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, TDG
Limited Quantity (LQ)
1 L

IATA, TDG
Limited Quantity (LQ)
1 L

UN Model Regulation
US
UN1950, AEROSOLS, 2.2
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.

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.

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
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<tbody>
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<td>Health</td>
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<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Instability</td>
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</table>

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 relatif 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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