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

1.1 Product identifier
- **Product Name**: Testifire TC3 Carbon Monoxide Capsule.
- **Trade Name**: Testifire TC3-XXX (XXX denotes customer variant).
- **Substances in articles**: Carbon.
- **CAS No.**: 7440-44-0
- **EINECS No.**: 931-328-0

1.2 Recommended use of the chemical and restrictions on use
- **Identified use(s)**: CO generation.
- **Uses advised against**: None known.

1.3 Details of the supplier of the Safety Data Sheet
- **Company Identification**: SDi
  - Address: 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
- **Distributor**: Info Trac
  - Phone: 1-800-535-5053

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.2 Label elements
- **Product Name**: Testifire TC3 Carbon Monoxide Capsule.
- **Hazard pictogram(s)**: None.
- **Signal word(s)**: None.
- **Hazard statement(s)**: None.
- **Precautionary statement(s)**: None.

2.3 Other hazards
- **None**.

2.4 Additional information
- **None**.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Activated Carbon Cloth. Contains no hazardous ingredients.

3.1 Substances

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>CAS No.</th>
<th>%W/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>7440-44-0</td>
<td>100</td>
</tr>
</tbody>
</table>

3.2 Additional information
- **None**.
4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
Inhalation: Unlikely route of exposure.
Skin Contact: Wash with plenty of soap and water.
Eye Contact: Flush eyes with water for at least 15 minutes.
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: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
Suitable Extinguishing Media: As appropriate for surrounding fire.
Unsuitable Extinguishing Media: None known.

5.2 Special hazards arising from the substance or mixture
Combustion may cause toxic fumes. Hazardous decomposition product(s): Carbon monoxide, Carbon dioxide.

5.3 Advice for fire-fighters
In case of major fire and large quantities: A self contained breathing apparatus should be worn.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear suitable gloves.

6.2 Environmental precautions
Avoid release to the environment.

6.3 Methods and material for containment and cleaning up
Collect mechanically and dispose of according to Section 13.

6.4 Reference to other sections
See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
No special measures are required. Keep away from sources of strong odor or vapors to prevent contamination.

7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature: Ambient.
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>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>7440-44-0</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</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)

Eye/face protection
Not normally required.

Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection
No personal respiratory protective equipment normally required.

Thermal hazards
Not applicable.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Woven or knitted cloth.
Color: Colorless.
Odor: Odorless.
Odor Threshold: Not applicable.
pH: Not applicable.
Melting Point/Freezing Point: Not applicable.
Initial boiling point and boiling range: Not applicable.
Flash Point: Not applicable.
Evaporation rate: Not applicable.
Flammability (solid, gas): Non-flammable.
Upper/lower flammability or explosive limits: Not applicable.
Vapor pressure: Not applicable.
Vapor density: Not applicable.
Relative density: Not applicable.
Surface Density: NLT. 100g/m²
Solubility(ies): Insoluble.
Partition coefficient: n-octanol/water: Not applicable.
Auto-ignition temperature: Not applicable.
## 9.2 Other information

<table>
<thead>
<tr>
<th>Product</th>
<th>None.</th>
</tr>
</thead>
</table>

### 10. SECTION 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Keep away from sources of strong odor or vapors to prevent contamination.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Hazardous Decomposition Product(s)</td>
<td>Carbon monoxide, Carbon dioxide.</td>
</tr>
</tbody>
</table>

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Substances</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Low acute toxicity.</td>
</tr>
<tr>
<td>Irritation</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>It is not a skin sensitizer.</td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No evidence of carcinogenicity.</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>There is no evidence of mutagenic potential.</td>
</tr>
<tr>
<td>Toxicity for reproduction</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>None anticipated.</td>
</tr>
</tbody>
</table>

### 12. SECTION 12: ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>Low toxicity to aquatic organisms.</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>The product is not biodegradable.</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>The product has no potential for bioaccumulation.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>None.</td>
</tr>
</tbody>
</table>

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste treatment methods</td>
<td>Dispose at suitable refuse site.</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Disposal should be in accordance with local, state or national legislation.</td>
</tr>
</tbody>
</table>

### 14. SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.O.T. Classification</td>
<td>Not classified as dangerous for transport.</td>
</tr>
<tr>
<td>UN number</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

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) All chemicals are not listed.
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 All chemicals are not listed.

15.1.5 TSCA (Toxic Substance Control Act) All chemicals listed.

15.1.6 Proposition 65 (California) All chemicals are not listed.

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

LEGEND
LTEL Long Term Exposure Limit
STEL Short Term Exposure Limit
NIOSH National Institute for Occupational Safety and Health
OSHA Occupational Safety and Health Administration

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