



# Testifire TC3 Carbon Monoxide Capsule

## Accessories – Servicing

Part No. TESTIFIRE TC3-6PACK-001 | TESTIFIRE TC3-3PACK-001

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## 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                                        |
| REACH Registration No. | 01-2119488894-16-0008                            |



### 1.2 Relevant identified uses of the substance or mixture and uses advised against

|                      |               |
|----------------------|---------------|
| Identified Use(s)    | CO generation |
| Uses Advised Against | None known    |

### 1.3 Only representative

|                                                  |                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Company Identification                           | Shift-Consult Hubert Scherzinger, 79108 Freiburg, Germany                                                                        |
| Telephone                                        | +49 7665 81 21 74                                                                                                                |
| 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 |
| Mon-Thur (08:30-17:00), Fri (08:30-15:00) |                     |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Regulation (EC) No. 1272/2008 (CLP) | Not classified as dangerous for supply/use |
|-------------------------------------|--------------------------------------------|



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## 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

|                            |      |
|----------------------------|------|
| 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

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Activated Carbon Cloth. Contains no hazardous ingredients

### 3.1 Mixtures

EC Classification No. 1272/2008

| Hazardous Ingredient(s) | CAS No.   | EC No.    | REACH Registration No | Hazard Pictogram(s) and Hazard Statement(s) |
|-------------------------|-----------|-----------|-----------------------|---------------------------------------------|
| Carbon                  | 7440-44-0 | 931-328-0 | 01-2119488894-16-0008 | None                                        |

### 3.3 Additional Information

None

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures



|              |                                               |
|--------------|-----------------------------------------------|
| Inhalation   | Unlikely route of exposure                    |
| Skin Contact | Wash skin with 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



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## SECTION 5: FIREFIGHTING 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.

## 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.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

No special measures are required. Keep away from sources of strong odour or vapours to prevent contamination

### 7.2 Conditions for safe storage, including any incompatibilities

|                        |                                |
|------------------------|--------------------------------|
| Storage temperature    | Ambient.                       |
| Storage life           | stable under normal conditions |
| Incompatible materials | None known.                    |

### 7.3 Specific end use(s)

CO generation.



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## 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     | 7440-44-0 | –                   | 10                    | –          | –            | Inhalable Dust  |
|            |           | –                   | 4                     | –          | –            | Respirable Dust |

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

|                                                                                                                                       |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>Eye/ face protection</b><br>                     | Not normally required.                                          |
| <b>Skin protection (Hand protection/ Other)</b><br> | Wear suitable gloves if prolonged skin contact is likely.       |
| <b>Respiratory protection</b><br>                   | No personal respiratory protective equipment normally required. |
| <b>Thermal hazards</b>                                                                                                                | Not applicable.                                                 |

#### 8.2.3 Environmental Exposure Controls

Avoid release to the environment



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties properties

|                                              |                          |
|----------------------------------------------|--------------------------|
| Appearance                                   | Woven or knitted cloth.  |
| Colour.                                      | Black.                   |
| Odour                                        | Odourless.               |
| Odour 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.          |
| Vapour pressure                              | Not applicable           |
| Vapour density                               | Not applicable.          |
| Relative density                             | Not applicable           |
| Surface Density                              | NLT. 100g/m <sup>2</sup> |
| Solubility(ies)                              | Insoluble.               |
| Partition coefficient: n-octanol/water       | Not applicable           |
| Auto-ignition temperature                    | Not applicable           |
| Decomposition Temperature                    | Not applicable           |
| Viscosity                                    | Not applicable           |
| Explosive properties                         | Not explosive.           |
| Oxidising properties                         | Not oxidising            |

### 9.2 Other information

None



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## 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

Keep away from sources of strong odour or vapours to prevent contamination

### 10.5 Incompatible materials

None anticipated.

### 10.6 Hazardous decomposition product(s)

Carbon monoxide, Carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Substances

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| 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.



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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Low toxicity to aquatic organisms.

### 12.2 Persistence and degradability

The product is not biodegradable

### 12.3 Bioaccumulative potential

The product has no potential for bioaccumulation

### 12.4 Mobility in soil

Insoluble.

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB

### 12.6 Other adverse effects

None.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing Group

Not applicable



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### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## 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                                                                                               | All chemicals are not listed. |
| Candidate List of Substances of Very High Concern for Authorisation                                                                     | All chemicals are not listed. |
| REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | All chemicals are not listed. |
| REACH: ANNEX XIV List of substances subject to authorisation                                                                            | All chemicals are not listed. |
| Community Rolling Action Plan (CoRAP);                                                                                                  | All chemicals are not listed. |

#### 15.1.2 National regulations

None known.

### 15.2 Chemical Safety Assessment

Not available.



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## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1,3.

### LEGEND

|             |                                          |
|-------------|------------------------------------------|
| <b>LTEL</b> | Long Term Exposure Limit                 |
| <b>STEL</b> | Short Term Exposure Limit                |
| <b>DNEL</b> | Derived No Effect Level                  |
| <b>PNEC</b> | Predicted No Effect Concentration        |
| <b>PBT</b>  | Persistent, Bioaccumulative and Toxic    |
| <b>vPvB</b> | very Persistent and very Bioaccumulative |

### Disclaimers

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### Annex to the extended Safety Data Sheet (eSDS)

No information available.