

**SAFETY DATA SHEET**

SDS0082UK

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

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name Testfire TC3 Carbon Monoxide Capsule.  
 Trade Name Testfire 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 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

**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.

**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 Substances**

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

**3.2 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.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Extinguishing Media**

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

## Testifire TC3 Carbon Monoxide Capsule

- 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 anticipated.
- 7.3 Specific end use(s)** CO generation.

**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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Carbon	7440-44-0	-	10	-	-	Inhalable Dust
		-	4	-	-	Respirable Dust

Source: 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)

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

No personal respiratory protective equipment normally required.



Thermal hazards

Not applicable.

**8.2.3 Environmental Exposure Controls**

Avoid release to the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Woven or knitted cloth.
Colour	Colourless.
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.

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Stable under normal conditions.
<b>10.4 Conditions to avoid</b>	Keep away from sources of strong odour or vapours to prevent contamination.
<b>10.5 Incompatible materials</b>	None anticipated.
<b>10.6 Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
<b>11.1.1 Substances</b>	
<b>Acute toxicity</b>	Low acute toxicity.
<b>Skin corrosion / irritation</b>	Non-irritant.
<b>Serious eye damage / irritation</b>	Not classified.
<b>Respiratory or skin sensitization</b>	It is not a skin sensitiser.
<b>Germ cell mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Carcinogenicity</b>	No evidence of carcinogenicity.
<b>Reproductive toxicity</b>	None anticipated.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	None anticipated.
<b>11.2 Other information</b>	None.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	Low toxicity to aquatic organisms.
<b>12.2 Persistence and degradability</b>	The product is not biodegradable.
<b>12.3 Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	Insoluble.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	Dispose at suitable refuse site.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

Not classified as dangerous for transport.

<b>14.1 UN number</b>	Not applicable.
<b>14.2 UN Proper Shipping Name</b>	Not applicable.
<b>14.3 Transport hazard class(es)</b>	Not applicable.
<b>14.4 Packing Group</b>	Not applicable.
<b>14.5 Environmental hazards</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	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.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 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

**Disclaimers**

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

No information available.