

Testifire TC3 Carbon Monoxide Capsule

SAFETY DATA SHEET

SDS0082UK

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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
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)

2. 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

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

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.

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4. 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.

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 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.

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/m ³)	STEL (ppm)	STEL (mg/m ³)	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.

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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.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical 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 ²
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.

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	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.

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11. 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.

12. 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.

13. 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.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

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.
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.

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	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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16. SECTION 16: OTHER INFORMATION

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

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

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Annex to the extended Safety Data Sheet (eSDS)

No information available.