

Testifire TC3 Carbon Monoxide Capsule

SAFETY DATA SHEET

SDS0082US-EN

ACCORDING TO US CFR 1910.1200

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 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: SDI, LLC, 3535 State Highway 66, Parkway 100 Building 6, Neptune, NJ 07753, USA.
 Telephone: (732) 751 9266
 Fax: (732) 751 9241
 E-mail: sales@sdifire.com
- 1.4 Emergency telephone number**
 Emergency Phone No.: 1-800-535-5053
- 1.5 Details of the Manufacturer**
 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

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
 US CFR 1910.1200: Not classified as dangerous for supply/use.
- 2.2 Label elements**
 Product Name: Testifire TC3-XXX
 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

Hazardous ingredient(s)	CAS No.	%W/W
Carbon	7440-44-0	100

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.
- 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.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Carbon	7440-44-0	-	-	-	-	NIOSH
		-	-	-	-	OSHA

Source: NIOSH = National Institute of Occupational Safety & Health

OSHA = Occupational Safety and Health Administration

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.

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.

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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.

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.

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 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

D.O.T. Classification	
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.

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;	All chemicals are not listed.

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Subpart Z)

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.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1.

NFPA		HMIS	
Health	0	Health	0
Fire	0	Fire	0
Instability	0	Instability	0

LEGEND

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

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Annex to the extended Safety Data Sheet (eSDS)

No information available.