Testifire TC3 Carbon Monoxide Capsule

SAFETY DATA SHEET

SDS0082AU-F

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.	None assigned.

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	FlameStop Australia, 13 Chaplin Drive, Lane Cove West, NSW, 2066
Telephone	02 9932 2020
Fax	02 9932 2022
E-mail	sales@flamestop.com.au

1.4 Emergency telephone number

Emergency Phone No.	0425 342 729

1.5 Details of 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

According to GHS 7th revised edition — 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

GHS 7th Revised Edition

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

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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.	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

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^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.

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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.
Irritation	Not classified.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
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	**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

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 EU regulations

Authorisations and/or restrictions on use

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: 1,2,3,9.1.

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

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Annex to the extended Safety Data Sheet (eSDS)

No information available.