Testifire TS3 Smoke Capsule

SAFETY DATA SHEET

SDS0083AU-F

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Testifire TS3 Smoke Capsule.
Trade Name	Testifire TS3-XXX (XXX denotes customer variant).
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.

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

Identified use(s)	Smoke simulation.
Uses advised against	None known.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification	FlameStop Australia, 13 Chaplin Street, 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 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

According to GHS 7th revised edition — Not classified as dangerous for supply/use.

2.2 Label elements — According to GHS 7th revised edition

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

Contains no hazardous ingredients.

3.1 Mixtures

GHS 7th Revised Edition

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Propane-1,2-Diol	40 - 50	57-55-6	200-338-0	01-2119456809-23	None

3.2 Additional Information

None.

Testifire TS3 Smoke Capsule

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with soap and water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water. Seek medical treatment.

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	Use water spray, foam, dry powder or CO2 to extinguish.Extinguish preferably with dry chemical, foam or waterspray.
Unsuitable Extinguishing Media	None known.

5.2 Special hazards arising from the substance or mixture None anticipated.

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 Ensure adequate ventilation. Stop leak if safe to do so. Wear protective gloves.

6.2 Environmental precautions Prevent entry into drains.

6.3 Methods and material for containment and cleaning up Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections See Also Section: 8, 13

6.5 Additional Information None.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling No special measures are required.

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) Smoke simulation.

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
Propane-1,2-Diol	57-55-6	150	474	-	-	WEL (Total vapour and particulates)
		-	10	-	-	WEL (Particulates)

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**	Prevent entry into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Clear.
Odour	Characteristic.
Odour Threshold	Not determined.
pH	Not determined.
Melting Point/Freezing Point	Not determined.
Initial boiling point and boiling range	100 °C
Flash Point	>100 °C
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	23 hPa @ 20 °C
Density	1.05 g/cm³ @ 20 °C
Vapour density	Not determined.
Relative density	Not determined.
Solubility(ies)	Miscible with: Water.
Partition coefficient: n-octanol/water	Not determined.
Ignition temperature	270 °C
Auto-ignition temperature	Product is not selfigniting.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

Organic solvents - Content	69.8%
Water - Content	20.0%

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**	None anticipated.

10.5	**Incompatible materials**	None anticipated.
10.6	**Hazardous Decomposition Product(s)**	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixtures

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Not classified.
Respiratory or skin sensitization	It is not a skin sensitizer.
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 readily biodegradable.
12.3	**Bioaccumulative potential**	No information available.
12.4	**Mobility in soil**	Soluble in water. The product is predicted to have high mobility in soil.
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**	Consult an accredited waste disposal contractor or the local authority for advice. Smaller quantities can be disposed of with household waste.
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.
REACH: ANNEX IV exemptions from the obligation to register in accordance with article 2(7)(a)	Listed in: Water.
Community Rolling Action Plan (CoRAP);	All chemicals are not listed.

15.1.2	**National regulations**	None known.
	Wassergefährdungsklasse (Germany)	WGK class 1
	VOC-CH	69.75%
	VOC-EU	69.75%
15.2	**Chemical Safety Assessment**	Not available.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1,2,3,4,6,11.

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
WGK	Wassergefährdungsklasse (Germany)
VOC	Volatile Organic Compounds

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Annex to the extended Safety Data Sheet (eSDS)

No information available.