

Testifire TS3 Smoke Capsule
SAFETY DATA SHEET

SDS0087UK

SAFETY DATA SHEET ACCORDING TO REGULATION (EC) No. 1907/2006 AS AMENDED

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.
UFI	0247-73RF-D00J-HE4Y
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 Only representative	
Company Identification	Shift-Consult Hubert Scherzinger, 79108 Freiburg, Germany
Telephone	+49 7665 91 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 (competent person)	SDS@detectortesters.com
1.4 Emergency telephone number	
Company (United Kingdom) Mon-Thur (08:30-17:00), Fri (08:30-15:00)	+44 (0) 1707 282760

2. HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture	
2.1.1	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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification No. 1272/2008

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

3.3 Additional Information

Contains no non-classified vPvB substances with a Union workplace exposure limit.

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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.

5. FIREFIGHTING 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.

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

Absorb spillage in earth or sand. Transfer to a container for disposal.

6.4 Reference to other sections

See Section: 8 and 13.

6.5 Additional Information

None.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Ambient.

Storage temperature

Stable under normal conditions.

Storage life

None known.

Incompatible materials

Smoke simulation.

7.3 Specific end use(s)

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

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

Provide adequate ventilation.

8.2.1 Appropriate engineering controls

Not normally required.

8.2.2 Personal protection equipment

Eye/ face protection

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour.	Clear.
Odour	Characteristic.
Melting Point (°C) / Freezing Point (°C)	Not determined.
Boiling Point (°C)	100°C
Flammability	Non-flammable.
Explosive Limit Ranges	Not applicable.
Flash Point (°C)	>100°C
Auto-ignition temperature	270°C.
Decomposition Temperature	Product is not selfigniting.
pH (Value)	Not determined.
Viscosity (mPa. s)	Not determined.
Solubility(ies)	Miscible with: Water
Partition Coefficient (n-Octanol/water)	Not determined.
Vapour Pressure (mm Hg)	23hPa @ 20°C.
Density (g/ml)	1.05 g/cm ³ @ 20°C.
Vapour Density (Air=1)	Not applicable
Particle Size	Not applicable.

9.2 Other information

Explosive properties	Not explosive.
Flammable gases	Not applicable.
AEROSOLS	Not applicable.
Oxidising properties	Not oxidising.
Gases under pressure	Not applicable.
Flammable liquid	Not flammable.
Self-reactive substance or mixture	Not applicable.

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

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

None anticipated.

10.6 Hazardous decomposition product(s)

No hazardous decomposition products known.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Mixtures

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.
Lactation	Not classified
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	None anticipated.

11.2 Other information

None.

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 Endocrine disrupting properties

None known.

12.7 Other adverse effects

None.

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.

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.

ADR Classification Code

Not hazardous according to current ADR Regulations.

IATA Classification Code

Not hazardous according to current IATA Regulations.

IMDG Classification Code

Not hazardous according to current IMDG Regulations.

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 MARPOL 73/78 and the IBC Code

Not applicable.

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

Not listed.

Candidate List of Substances of Very High Concern for Authorisation

Not listed

REACH: ANNEX XVII restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles

Not listed

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

Community Rolling Action Plan (CoRAP)

Not listed

Candidate List of Substances of Very High Concern for Authorisation

None known.

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Regulation (EC) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants All chemicals are not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer All chemicals are not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and All chemicals are not listed
import of hazardous chemicals

15.1.2 National regulations

Wassergefährdungsklasse (Germany)

VOC-CH

VOC-EU

15.2 Chemical Safety Assessment

WGK class 1

69.75%

69.75%

A chemical safety assessment is not required under REACH.

16. OTHER INFORMATION

The following sections contain revisions or new statements: 9.1, 9.2, 15.1.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
VOC	Volatile Organic Compounds

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Annex to the extended Safety Data Sheet (eSDS)

No information available.