

SAFETY DATA SHEET

SDS0083UK

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 2015/830

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 **Product identifier**

> **Product Name** Testifire TS3 Smoke Capsule.

Testifire TS3-XXX, (XXX denotes customer variant). Trade Name

CAS No. Mixture. EINECS No. Mixture. REACH Registration No. None assigned.

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

Identified Use(s) Smoke simulation Uses Advised Against None known.

Details of the supplier of the safety data sheet 1.3

Detectortesters (No Climb Products Ltd) Company Identification

Edison House, 163 Dixons Hill Road, Welham Green, Hertfordshire. AL9 7JE. United

Kinadom

Telephone +44 (0) 1707 282760 +44 (0) 1707 282777 Fax E-Mail (competent person) SDS@detectortesters.com

Emergency telephone number

Emergency Phone No. +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) Signal Word(s) None Hazard Statement(s) None Precautionary Statement(s) None Other hazards None. Additional Information None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

EC Classification No. 1272/2008

Lo Giacomodici 110: 1212/2000										
Hazardous	%W/W	CAS No.	EC No.	REACH	Hazard Pictogram(s) and Hazard					
Ingredient(s)				Registration No.	Statement(s)					
Propane-1,2-Diol	40-50	157-55-6	200-338-0	01-2119456809-23	None					

3.2 Additional Information

None.

2.3

2.4

4. FIRST AID MEASURES



Description of first aid measures 4.1

> Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing. Wash skin with soap and water.

Eye Contact Flush eyes with water for at least 15 minutes. Wash out mouth with water. Seek medical treatment. Ingestion

4.2 Most important symptoms and effects, both acute None anticipated.

and delayed

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

Skin Contact

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. Special hazards arising from the substance or None anticipated.

mixture

5.2

5.3 Advice for fire-fighters In case of major fire and large quantities: A self contained breathing apparatus

should be worn.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and

emergency procedures

Environmental precautions Prevent entry into drains.

6.3 Methods and material for containment and

cleaning up

6.2

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

Reference to other sections 6.4 See Section: 8 and 13. **Additional Information** 6.5 None.

7. HANDLING AND STORAGE

Precautions for safe handling 7.1

Conditions for safe storage, including any incompatibilities 7.2

> Storage temperature Storage life

Incompatible materials

7.3 Specific end use(s) No special measures are required.

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

Ambient.

Stable under normal conditions.

None known. Smoke simulation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits 8.1.1

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
		-	10	-	-	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

Biological limit value Not established. 8.1.2 **PNECs and DNELs** 8.1.3 Not established. 8.2 **Exposure controls**

Appropriate engineering controls 8.2.1

8.2.2 Personal protection equipment Provide adequate ventilation. Not normally required.

Eye/ face protection

Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

No personal respiratory protective equipment normally required.



8.2.3

Thermal hazards

Not applicable.

Environmental Exposure Controls Prevent entry into drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Liquid. Appearance Colour. Clear. Characteristic. Odour Odour Threshold (ppm) Not determined.

pH (Value) Not determined. Melting Point (°C) / Freezing Point (°C)

Not determined. Boiling Point (°C) 100°C Flash Point (°C) >100°C Evaporation rate Not applicable. Flammability Non-flammable. **Explosive Limit Ranges** Not applicable. Vapour Pressure (mm Hg) 23hPa @ 20°C. Vapour Density (Air=1) Not applicable Density (g/ml) 1.05 g/cm3 @ 20°C. Solubility(ies) Miscible with: Water

Partition Coefficient (n-Octanol/water) Not determined. Auto Ignition Point (°C) 270°C

Decomposition Temperature (°C) Product is not selfigniting. Viscosity (mPa. s) Not determined. Explosive properties Not explosive. Not oxidising. Oxidising properties

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9.2 Other information

Organic solvents - Content 69.8% Water - Content 20.0%

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.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Mixtures

Acute toxicity
Skin corrosion/irritation
Serious eye damage/irritation
Not classified.
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
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
None anticipated.
None anticipated.
None anticipated.

Irritation

11.2 Other information None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
 12.2 Persistence and degradability
 Low toxicity to aquatic organisms.
 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.

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

14.1 UN number Not applicable.14.2 UN Proper Shipping Name Not applicable.

14.3 ADR Classification Code
 14.4 IMDG Classification Code
 Not applicable according to current ADR Regulations.
 Not applicable according to current IMDG Regulations

14.5 IATA Classification Code Not applicable according to IATA 59th edition.

14.6 Packing group
 14.7 Environmental hazards
 14.8 Special precautions for user
 14.9 Transport in bulk according to Annex II of MARPOL
 Not applicable.
 Not applicable.
 Not applicable.

73/78 and the IBC Code

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 Not listed

for Authorisation

REACH: ANNEX XVII restrictions on the manufacture, placing on the market and use of

certain dangerous substances, preparations and

Not listed

articles
REACH: ANNEX XIV list of substances subject to

Not listed

authorisation

Not listed

Community Rolling Action Plan (CoRAP) Candidate List of Substances of Very High Concern Not listed None known.

for Authorisation
15.1.2 National regulations

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Wassergefährdungsklasse (Germany) WGK class 1
VOC-CH 69.75%
VOC-EU 69.75%None.

15.2 Chemical Safety Assessment A chemical safety assessment is not required under REACH.

16. OTHER INFORMATION

The following sections contain revisions or new statements: N/a.

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.

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