

Testifire TS3 Smoke Capsule

SAFETY DATA SHEET

SDS0083UK

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 453/2010

1. 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 | 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 |
| 1.4 Emergency telephone number | |
| Emergency Phone No. | +44 (0) 1707 282760 |

2. SECTION 2: HAZARDS IDENTIFICATION

| | |
|---|--|
| 2.1 Classification of the substance or mixture | |
| 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. |

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3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

3.1 Mixtures

EC Classification No. 1272/2008

| 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.

4. 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 with plenty of 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. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

Use water spray, foam, dry powder or CO2 to extinguish.
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. 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

7. 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.

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7.3 **Specific end use(s)** Smoke simulation.

8. 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/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 (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.

9. 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 |

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| | |
|--|--------------------------------|
| Density | 1.05 g/cm ³ @ 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% |

10. SECTION 10: STABILITY AND REACTIVITY

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|--|---------------------------------|
| 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) | None known. |

11. SECTION 11: TOXICOLOGICAL INFORMATION

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|--|--|
| 11.1 Information on toxicological effects | |
| 11.1.1 Mixtures | |
| 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. |

12. 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. |

13. 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. |

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14. 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. |

15. 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); Draft 20/03/2012 | 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. |

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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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Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.