

## PRODUCT INFORMATION

**Generic material:** Smoke Fluid Mixture

**CAS No.** Mixture

**EINECS No.** Mixture

**Relevant identified uses of the product:** Smoke Simulation

**Uses advised against:** None known

### Manufacturer / Supplier information

**Product Name:** Testifire TS3 Smoke Capsule

**Part Number:** Testifier TS3-XXX (xxx denotes product variant)

**Manufacturer:** Detectortesters (No Climb Products Ltd)  
Edison House, 163 Dixons Hill Road, Welham Green,  
Hertfordshire, AL9 7JE, UK

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**Supplier:** FireSense Pty Ltd, 18-20 Brookhollow Avenue, Norwest, NSW 2153, Tel – 02 8850 2888

### Revision Status:

1. New Material Safety Data Sheet 08.02.19, Revision: 5

## COMPOSITION

Contains no hazardous ingredients.

**Mixtures:** EC Classification No. 1272/2008

Chemical Name	CAS No.	EC No.	%W/W	REACH Registration No.	Hazard pictogram and hazard statement
Propane-1,2-Diol	57-55-6	200-338-0	40-50	01-2119456809-23	None

## HAZARD IDENTIFICATION

Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use
Label elements	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard pictogram	None
Signal Word	None
Hazard Statement	None
Precautionary Statement	None
Other hazards	None

#### FIRST AID MEASURES

Inhalation	If breathing is difficult, removed 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 mins	
Ingestion	Wash out with water. Seek medical treatment.	
Most important symptoms and effects, both acute and delayed	None anticipated	
Indication of any immediate medical attention and special treatment needed	Unlikely to be required but if necessary treat symptomatically	

#### FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water spray, foam, dry powder of CO2 to extinguish
Unsuitable Extinguishing Media	None known
Special hazards arising from the substance or mixture	None anticipated
Advice for fire fighters	In case of major fire and large quantities: A self-contained breathing apparatus should be worn

#### ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Stop leak is safe to do so. Wear protective gloves.
Environmental precautions	Prevent entry into drains
Methods and material for containment and cleaning up	Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.
Reference to other sections	See also Section: 8, 13

#### HANDLING AND STORAGE

Precautions for safe handling	No special measures are required
Storage Temperature	Ambient
Storage Life	Stable under normal conditions
Incompatible materials	None anticipated
Specific end uses	Smoke simulation

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

Substance	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	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)

Biological limit value	Not established
PNECs and DNELs	Not established
Appropriate engineering controls	Provide adequate ventilation
Eye/face protection	Not normally required
Skin protection	Wear suitable gloves if prolonged skin contact is likely
Respiratory protection	No personal respiratory protective equipment normally required
Thermal hazards	Not applicable
Environmental Exposure Controls	Prevent entry into drains

## STABILITY & REACTIVITY

Reactivity	Stable under normal conditions
Chemical Stability	Stable under normal conditions
Possibility of hazardous reactions	No hazardous reactions known is used for its intended purpose
Conditions to avoid	None anticipated
Incompatible materials	None anticipated
Hazardous Decomposition Products	No hazardous decomposition products known

## PHYSICAL & CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Clear
Odour	Characteristic
Odour Threshold	Not determined
pH	Not determined
Melting Point/Freezing Point	Not determined
Initial boiling point & 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	1.5 g/cm <sup>3</sup> @ 20°C
Vapour density	Not determined
Relative density	Not determined
Solubility	Miscible with water
Partition coefficient: n-octano/water	Not determined
Ignition Temperature	270°C
Auto-ignition temperature	Product is not self-igniting
Decomposition temperature	Not determined
Kinematic Viscosity	Not determined
Explosive Properties	Not explosive
Oxidizing Properties	Not oxidizing
Organic Solvents – Content	69.8%
Water – Content	20.0%

## ECOLOGICAL INFORMATION

Toxicity	Low toxicity to aquatic organisms
Persistence and degradability	The product is readily biodegradable
Bioaccumulative potential	No information available
Mobility in soil	Soluble in water. The product is predicated to have mobility in soil.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB

## TOXICOLOGICAL INFORMATION

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 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

## DISPOSAL CONSIDERATIONS

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**Waste treatment methods:** Consult an accredited waste disposal contractor or the local authority for advice. Smaller quantities can be disposed of with household waste.

**Additional Information:** Disposal should be in accordance with local, state or national legislation.

## TRANSPORT INFORMATION

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Not classified as dangerous for transport.

## REGULATORY INFORMATION

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### Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous materials.

### Waterhazard class:

**Water hazard class 1 (Self-assessment):** slightly hazardous for water.

VOC-CH 69.75%

VOC-EU 69.75%

## OTHER INFORMATION

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### Disclaimers

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