



Testifire TS3 Smoke Capsule
SAFETY DATA SHEET
SDS0083US
ACCORDING TO US CFR 1910.1200

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.
- 1.2 Recommended use of the chemical and restrictions on use**
Identified use(s) Smoke simulation.
Uses advised against None known.
- 1.3 Details of the supplier of the Safety Data Sheet**
Company Identification SDi
1345 Campus Parkway, Suite A18
Wall Township, NJ 07753 6815
Telephone (732) 751 9266
Fax (732) 751 9241
E-mail sales@sdfire.com
- 1.4 Emergency telephone number**
Distributor Info Trac
1-800-535-5053

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 US CFR 1910.1200** Not classified as dangerous for supply/use.
- 2.2 Label elements**
Product Name Testifire TS3 Smoke Capsule.
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. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

3.1 Mixtures

Hazardous Ingredient(s)	CAS No.	%W/W
Propane-1,2-Diol	57-55-6	40 - 50

3.2 Additional Information
None.

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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	Use water spray, foam, dry powder or CO2 to extinguish.
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. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Stop leak if safe to do so.
6.2 Environmental precautions	Wear protective gloves.
6.3 Methods and material for containment and cleaning up	Prevent entry into drains.
6.4 Reference to other sections	Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.
	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	Protect from sunlight. Store in a well-ventilated place.
Storage Temperature	Ambient.
Storage Life	Stable under normal conditions.
Incompatible materials	None anticipated.

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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	-	-	-	-	NIOSH
		-	-	-	-	OSHA

Source:

NIOSH = National Institute of Occupational Safety & Health

OSHA = Occupational Safety and Health Administration

8.2 Appropriate engineering controls

Provide adequate ventilation.

8.3 Individual protection measures, such as personal protective equipment (PPE)

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.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Color	Clear.
Odor	Characteristic.
Odor Threshold	Not determined.
pH	Not determined.
Melting Point/Freezing Point	Not determined.
Initial boiling point and boiling range	212 °F
Flash Point	>212 °F
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	0.334 psig @ 68°F
Density	65.55 lb/ft ³ @ 68°F
Vapor density	Not determined.
Relative density	Not determined.
Solubility(ies)	Miscible with: Water.
Partition coefficient: n-octanol/water	Not determined.
Ignition temperature	518 °F



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Auto-ignition temperature	Product is not selfigniting.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
9.2 Other information	
Organic solvents - Content	69.8%
Water - Content	20.0%

10. 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)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Mixtures	
Acute toxicity	Low acute toxicity.
Irritation	Not classified.
Corrosivity	Not classified.
Sensitization	It is not a skin sensitizer.
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. Unlikely to persist.
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 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

D.O.T. Classification

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	OSHA Toxic and hazardous substances (29 CFR 1910; Subpart Z) National emission standards for hazardous air pollutants (40 CFR 61.01)	All chemicals are not listed. All chemicals are not listed.
15.1.2	Title III Consolidated List of Lists	All chemicals are not listed.
15.1.3	OSPAR List of Chemicals for Priority Action	All chemicals are not listed.
15.1.4	State Right to Know Lists	Propane-1,2-Diol (CAS No.: 57-55-6): Pennsylvania, Minnesota.
15.1.5	TSCA (Toxic Substance Control Act)	All chemicals listed.
15.1.6	Proposition 65 (California)	All chemicals are not listed.
15.1.7	CAA 602 - Ozone Depleting Substances (ODS)	All chemicals are not listed.

16. SECTION 16: OTHER INFORMATION

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

NFPA		HMIS	
Health	0	Health	0
Fire	0	Flammability	0
Instability	0	Physical hazards	0

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration



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