


# SAFETY DATA SHEET

SDS0089CA-EN

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**  
 Product Name: Smoke Centurion.  
 Trade Name: M8 Smoke-01-XXX (XXX denotes customer variant).  
 CAS No.: Mixture.  
 EINECS No.: Mixture.
- 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: SDi, LLC, 3535 State Highway 66, Parkway 100 Building 6, Neptune NJ07753, USA.  
 Telephone: (732) 751 9266  
 Fax: (732) 751 9241  
 E-mail: sales@sdfire.com
- 1.4 Emergency telephone number**  
 Info Trac: 1-800-535-5053
- 1.5 Address of Manufacturer**  
 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](mailto:SDS@detectortesters.com)

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
 WHMIS Classification: Flam. Aerosol 1: Extremely flammable aerosol.
- 2.2 Label elements**  
 Label elements: Smoke Cenurion
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GHS02
- Signal Word(s): Danger.  
 Hazard Statement(s): H222: Extremely flammable aerosol.  
 Precautionary Statement(s): P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Pressurised container - Do not pierce or burn, even after use.  
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
- 2.3 Other hazards**  
 None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

### 3.1 Mixtures

Hazardous Ingredient(s)	%W/W	CAS No.
Butane	50 - 100	106-97-8
Propane	10 - 25	74-98-6
Ethanol	0 - 5	64-17-5

### 3.2 Additional Information

None.

## 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 skin with soap and water.
- Eye Contact: Flush eyes with water for at least 15 minutes while holding eyelids open.
- Ingestion: Unlikely route of exposure.
- 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.





**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	Appearance	Aerosol.
	Color	Colourless.
	Odour	Characteristic.
	Odour Threshold	Not determined.
	pH	Not determined.
	Melting Point/Freezing Point	Not determined.
	Initial boiling point and boiling range	-47.4°F (-44°C)
	Flash Point	<32°F (<0°C)
	Evaporation Rate	Not available.
	Flammability (solid, gas)	Extremely flammable.
	Upper/lower flammability or explosive limits	Explosive Limit Ranges: 1.5 – 15.0 Vol-%
	Vapour pressure	62.4 psig (4.3 bar) @ 68°F
	Density	36.2 lb/ft³ (0.58 g/cm³) @ 68°F
	Vapour density	Not determined.
	Relative density	Not determined.
	Solubility(ies)	Immiscible with water.
	Partition coefficient: n-octanol/water	Not determined.
	Ignition temperature	689°F (365°C)
	Auto-ignition temperature	Product is not selfigniting.
	Decomposition Temperature	Not determined.
	Kinematic Viscosity	Not determined.
	Explosive properties	Not explosive.
	Oxidising properties	Not oxidising.
<b>9.2</b>	<b>Other information</b>	
	Organic solvents – Content	96.4%

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Reactivity</b>	Stable under normal conditions.
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	Stable under normal conditions.
<b>10.4</b>	<b>Conditions to avoid</b>	Heat and direct sunlight.
<b>10.5</b>	<b>Incompatible materials</b>	None anticipated.
<b>10.6</b>	<b>Hazardous decomposition product(s)</b>	None known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.1</b>	<b>Mixtures</b>	
	Acute toxicity	Low acute toxicity.
	Irritation	Non-irritant.
	Corrosivity	Not classified.
	Sensitisation	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.
<b>11.2</b>	<b>Other information</b>	None.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>12.1</b>	<b>Toxicity</b>	Low toxicity to aquatic organisms.
<b>12.2</b>	<b>Persistence and degradability</b>	The product is readily biodegradable. Unlikely to persist.
<b>12.3</b>	<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>12.4</b>	<b>Mobility in soil</b>	Immiscible with water. The product is predicted to have low mobility in soil.
<b>12.6</b>	<b>Other adverse effects</b>	None.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1</b>	<b>Waste treatment methods</b>	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility. Do NOT landfill.
<b>13.2</b>	<b>Additional Information</b>	Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

<b>14.1</b>	<b>UN number</b>	
	ADR, IMDG, IATA, TDG	UN 1950
<b>14.2</b>	<b>UN proper shipping name</b>	
	ADR	1950 AEROSOLS
	IMDG, TDG	AEROSOLS
	IATA	AEROSOLS, Flammable
<b>14.3</b>	<b>Transport hazard class(es)</b>	



Specialized Fire Products

# Smoke Centurion

<b>ADR</b>			
Class / Classification		2	5F Gases.
Label		2.1	
<b>IMDG, IATA, TDG</b>			
Class / Division		2.1	
Label		2.1	
<b>14.4 Packing group</b>			
<b>ADR, IMDG, IATA, TDG</b>		None.	
<b>14.5 Environmental hazards</b>			
Marine Pollutant		No.	
<b>14.6 Special precautions for user</b>		Warning: Gases.	
Kemler Code		-	
IMDG EMS		F-D, S-U	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		Not applicable.	
<b>14.8 Additional Information</b>			
<b>ADR</b>			
Limited Quantity (LQ)	1 L		
<b>ADR Transport Category</b>		2	
<b>Tunnel Restriction Code</b>		Not applicable in Limited Quantities.	
<b>IMDG</b>			
Limited Quantity (LQ)	1L		
<b>IATA</b>			
Limited Quantity (LQ)	1L	 	
<b>UN Model Regulation</b>		UN 1950, AEROSOLS, 2.1	
US		ORM-D when transported in limited quantities (< 30kg or 66lb gross weight).	

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>15.1.1</b> Canadian Regulations	
Domestic Substances List (DSL)	All chemicals listed
Export Control List	All chemicals are not listed
Priority Substances List (PSL)	All chemicals are not listed
Toxic Substances List	All chemicals are not listed
National Pollutant Release Inventory (NPRI)	Listed: Propane (CAS No.: 74-98-6)
Substance List	Listed: Ethanol (CAS No.: 64-17-5)

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1,2,16

### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
ADR	Accord européen relative au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
HPR	Hazardous Products Regulations
TDG	Transportation of Dangerous Goods
IATA	International Air Transport Association

### Disclaimers

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### Annex to the extended Safety Data Sheet (eSDS)

No information available.