SAFETY DATA SHEET
Sterling Leak Detector

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Sterling Leak Detector
Product number	GTSE-ALD4

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

Identified uses	Leak Detector

1.3. Details of the supplier of the safety data sheet

Supplier	Gocableties Ltd 13 Somersall Lane Chesterfield Derbyshire S40 3LA

1.4. Emergency telephone number

Emergency telephone	01246 386 126

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards	Aerosol 3 - H229
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

Human health	Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.
Environmental	The product is not expected to be hazardous to the environment.
Physicochemical	Aerosol containers can explode when heated, due to excessive pressure build-up. Not considered to be a significant hazard due to the small quantities used.

2.2. Label elements

Pictogram

Signal word	Warning
Hazard statements	H229 Pressurised container: may burst if heated H319 Causes serious eye irritation.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251 Do not pierce or burn, even after use. P260 Do not breathe vapour/spray. P271 Use only outdoors or in a well-ventilated area.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM LAURYL SARCOSINATE			1-5%
CAS number: 137-16-6	EC number: 205-281-5	REACH registration number: 012119527780-39	
Classification Acute Tox. 2 - H330 Skin Irrit. 2 - H315 Eye Dam. 1 - H318		Classification (67/548/EEC or 1999/45/EC) T;R23. Xi;R38,R41.	
Sodium Benzoate			<1%
CAS number: 532-32-1	EC number: 208-534-8	REACH registration number: 012119460683-35	
Classification Eye Irrit. 2 - H319		Classification (67/548/EEC or 1999/45/EC) Xi;R36.	
SODIUM NITRITE			<1%
CAS number: 7632-00-0	EC number: 231-555-9	REACH registration number: 012119471836-27	
M factor (Acute) = 1			
Classification Ox. Sol. 3 - H272 Acute Tox. 3 - H301 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400		Classification (67/548/EEC or 1999/45/EC) O;R8 T;R25 N;R50	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once.
Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water.
Skin contact	Rinse with water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

Sterling Leak Detector

4.2. Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up. Decomposes on contact with flames and hot surfaces to produce hydrofluoric acid and fluorophosgene. Containers can burst violently or explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

Protective actions during firefighting: Warn firefighters that aerosols are involved. Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: VENTILATE/EVAPORATE.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations. Do not spray near a naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 degrees Centigrade. Do not pierce or burn, even after use.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters Occupational exposure limits

Sodium Benzoate

Long-term exposure limit (8-hour TWA): WEL 6.3 mg/m³

Sterling Leak Detector

SODIUM NITRITE

Long-term exposure limit (8-hour TWA): No std.

WEL = Workplace Exposure Limit

8.2. Exposure controls

Appropriate engineering controls	This product must not be handled in a confined space without adequate ventilation.
Personal protection	When using do not smoke
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Not relevant
Hygiene measures	Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	N/A
Odour	No characteristic odour.
Flash point	>100°C
Upper/lower flammability or explosive limits	Not available.
Relative density	1.0 @ 20°C
Comments	Information given is applicable to the major ingredient.

9.2. Other information

Other information	Not available.
Volatile organic compound	This product contains a maximum VOC content of 0 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.

Sterling Leak Detector

10.5. Incompatible materials

Materials to avoid	Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition products: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity - oral

ATE oral (mg/kg)	100,000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)	65.18904824

General information	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Inhalation	May cause respiratory system irritation.
Ingestion	No specific health hazards known.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Irritating to eyes.
Acute and chronic health hazards	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Route of entry	Inhalation
Target organs	Respiratory system, lungs
Medical symptoms	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

SECTION 12: Ecological Information

Ecotoxicity	The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity	Not available.

12.2. Persistence and degradability

Persistence and degradability	Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential	Not available.

12.4. Mobility in soil

Mobility	Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not available.

12.6. Other adverse effects

Other adverse effects	Not available.

SECTION 13: Disposal considerations

Sterling Leak Detector

13.1. Waste treatment methods

General information	Do not puncture or incinerate, even when empty.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.2
ADR/RID label	2.2
IMDG class	2.2
ICAO class/division	2.2

Transport labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS	F-D, S-U
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

SECTION 15: Regulatory information

Sterling Leak Detector

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010.
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Supplemental information added.
Revision date	18/11/2015
Revision	2
SDS number	12792
Risk phrases in full	Not classified. R23 Toxic by inhalation. R25 Toxic if swallowed. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms. R8 Contact with combustible material may cause fire.
Hazard statements in full	H229 Pressurised container: may burst if heated H272 May intensify fire; oxidiser. H301 Toxic if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H400 Very toxic to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.