

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Leak Detector Spray
Type of product	: A Gas Leak Detector with the properties of being high foam generating, non-corrosive, non-hazardous, mobile slightly viscous liquid.
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category	: Professional use
Industrial/Professional use spec	: For professional use only
Use of the substance/mixture	: A Gas Leak Detector with the properties of being high foam generating, non-corrosive, non-hazardous, mobile slightly viscous liquid.
Function or use category	: Foaming agents

1.3. Details of the supplier of the safety data sheet

Manufacturer

Delf (UK) Ltd.
Unit 2, Hickmans Road
CH41 1JH Birkenhead - United Kingdom
T 0151 630 0405 F 0151 630 0406
sales@delf-uk.com - www.delf-uk.com

1.4. Emergency telephone number

IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES 999.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Contains surfactants and foam boosters.

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

4.1. Description of first aid measures



First-aid measures after inhalation	: If person inhales to spray mist move into fresh air, and if recovery is not rapid seek medical attention
First-aid measures after skin contact	: Wash with plenty of water.
First-aid measures after eye contact	: Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists Obtain medical attention.
First-aid measures after ingestion	: Rinse mouth out with water. If you feel unwell, seek medical advice.

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

Symptoms/effects after eye contact : May cause slight irritation.

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

No additional information available

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according to Regulation (EU) 2015/830

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Explosion hazard : No direct explosion hazard.
Reactivity in case of fire : Product is not explosive.

5.3. Advice for firefighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Clear mobile liquid.
Colour : Colourless to straw coloured
Odour : Typical surfactant
Odour threshold : No data available
pH : 6 - 8
Relative evaporation rate (butylacetate=1) : No data available
Melting point : 0 °C
Freezing point : - 2°C
Boiling point : > 100°C
Density : 1.00 - 1.01 g/m³
Solubility : Soluble in water.
Viscosity, dynamic : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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according to Regulation (EU) 2015/830

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Extremely high or low temperatures (Allow Copper pipe to cool for 90 seconds after soldering a joint as the Leak Detector solution may vaporise at temperatures above 60°C). None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Based on available data. Classification criteria not met.
Acute toxicity (dermal)	: Based on available data. Classification criteria not met.
Acute toxicity (inhalation)	: Based on available data. Classification criteria not met but it is good practice to avoid inhalation if a mist is generated.
Skin corrosion/irritation	: Based on available data. Classification criteria not met. pH 6 - 8
Serious eye damage/irritation	: Based on available data. Classification criteria not met.
Respiratory or skin sensitisation	: Does not contain substances known to be sensitising.
Germ cell mutagenicity	: Does not contain any substances that are suspected or known to be Mutagenic.
Carcinogenicity	: Does not contain any substances that are suspected or known to be Carcinogenic.
Reproductive toxicity	: Does not contain any substances that are suspected or known to have a toxic affect on Reproduction. Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Does not contain any substances known or suspected to be toxic to specific target organs after repeated exposure. Not classified
Potential adverse human health effects and symptoms	: No data available.

SECTION 12: Ecological information

Toxicity

The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills may have a harmful or damaging effect on the environment.

12.1. Toxicity

Ecology - general	: No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.
Ecology - water	: No data available on ecotoxicity.
Acute aquatic toxicity	: Based on available data. Classification criteria not met.
Chronic aquatic toxicity	: Based on available data. Classification criteria not met.

12.2. Persistence and degradability

This product is not expected to inhibit aerobic and anaerobic activity.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

The product is soluble in water. May spread in the aquatic environment. Disperses readily in water

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Non known. No additional information available

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according to Regulation (EU) 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
: Small quantities (less than 5 Kg) of unwanted product may be flushed with water into a sewer. Large quantities may only be disposed of in accordance with Waste Disposal Regulations. Dispose of the empty container to normal waste, take to special waste incineration plant. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Sewage disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				
14.6. Special precautions for user				
Not applicable				
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code				
Not applicable				

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

The substance is not hazardous

SECTION 16: Other information

No additional information available

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product