

Date of issue: 03/01/2017	Trade name:	Page: 1/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

**1. Section 1. Identification of the substance/mixture and of the company/undertaking:**

- 1.1. Product identifier:  
Trade name: **LEAK FINDER**  
Product code: **1 35039**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:  
Uses of the mixture: Gas and air leak detector (construction chemicals).  
For professional and industrial use only.  
Uses advised against: Not known.
- 1.3. Details of the supplier of the safety data sheet:  
Identification of manufacturer/Supplier:  
RETECH, s.r.o.  
Vackova 1541/4  
150 00 Praha 5 - Stodůlky  
Telephone number/Fax: +420 327 596 128, +420 327 596 428  
E-mail: info@retech.cz
- 1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic  
Telephone number: +420 327 596 128 (7.30-16.00 hour)  
Toxicologické informační středisko (Toxicology information centre),  
Na bojišti 1, 128 08 PRAHA 2, Czech Republic  
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)

**2. Section 2. Hazard identification:**

- 2.1. Classification of the substance or mixture:  
Classification according to Regulation (EC) No 1272/2008 [CLP]:  
Aerosol 3 H229 Pressurised container: May burst if heated.
- 2.2. Label elements:  
Labelling according to Regulation (EC) No 1272/2008 [CLP]:  
Signal Word: Warning  
Hazard Statements:  
H229 Pressurised container: May burst if heated.  
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.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/container in accordance with national regulation.
- 2.3. Other hazards:  
Results of PBT and vPvB assessment:  
Not applicable.

**3. Section 3. Composition/information on ingredients:**

- 3.2. Mixtures:  
Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

CAS: 124-38-9	Carbon dioxide	< 2.5 %
EINECS: 204-696-9	Press. Gas, H280	

For full text of H-statements: see SECTION 16

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 2/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

<p><b>4. Section 4. First aid measures:</b></p> <p>4.1. Description of first aid measures:</p> <p>General notes: When in doubt or if symptoms are observed, get medical advice.</p> <p>After inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.</p> <p>After skin contact: Get medical attention if any discomfort continues.</p> <p>After eye contact: Rinse with warm water.</p> <p>After eye contact: Rinse opened eye for several minutes under running water.</p> <p>Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Get medical attention if any discomfort continues.</p> <p>After swallowing: Do not induce vomiting.</p> <p>Immediately call a doctor.</p> <p>4.2. Most important symptoms and effects, both acute and delayed: No further relevant information available.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed: No further relevant information available.</p>	
<p><b>5. Section 5. Fire fighting measures:</b></p> <p>5.1. Extinguishing media:</p> <p>Suitable extinguishing agents: Carbon dioxide (CO<sub>2</sub>), extinguishing powder or foam.</p> <p>Unsuitable extinguishing agents: No further relevant information available.</p> <p>5.2. Special hazards arising from the substance or mixture: No further relevant information available.</p> <p>5.3. Advice for firefighters: Wear protective clothing and self-contained breathing apparatus.</p> <p>Cool endangered receptacles with water spray.</p> <p>Dispose of contaminated extinguishing water and remains after the fire in accordance with the official regulations.</p>	
<p><b>6. Section 6. Accidental release measures:</b></p> <p>6.1. Personal precautions, protective equipment and emergency procedures: Wear protective equipment, see Section 8.</p> <p>Keep unprotected persons away.</p> <p>Ensure adequate ventilation.</p> <p>6.2. Environmental precautions: No special measures required.</p> <p>6.3. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).</p> <p>Dispose contaminated material as waste according to Section 13.</p> <p>6.4. Reference to other sections: See Section 7 for information on safe handling.</p> <p>See Section 8 for information on personal protection equipment.</p> <p>See Section 13 for disposal information.</p>	
<p><b>7. Section 7. Handling and storage:</b></p> <p>7.1. Precautions for safe handling:</p> <p>Protective measures: No special measures are necessary.</p> <p>Wear protective equipment, see Section 8.</p> <p>Ensure good ventilation/exhaustion at the workplace.</p> <p>Avoid contact with skin and eyes.</p> <p>Measures to prevent fire: Pressurised container: May burst if heated.</p> <p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>Do not pierce or burn, even after use.</p> <p>Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>7.2. Conditions for safe storage, including any incompatibilities:</p> <p>Requirements for storage rooms and vessels: Observe official regulations on storing packagings with pressurized containers.</p>	

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 3/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

Technical measures and storage conditions:

Observe official regulations on storing packagings with pressurized containers.

Further information on storage conditions:

No further relevant information available.

7.3. Specific end use(s): No further relevant information available.

### 8. Section 8. Exposure controls/personal protection:

8.1. Control parameters:

Components with limit values that require monitoring at the workplace:

WEL (United Kingdom): EH40/2005

CAS	Substance	Long-term (8-hr TWA ref. period)		Short-term (15 minute ref. period)		Comments
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
124-38-9	Carbon dioxide	5000	9150	15000	27400	

OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG

CAS	Name of agent	Eight hours		Short-term		Notation
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
124-38-9	Carbon dioxide	5000	9000	-	-	

Additional information: The lists that were valid during the compilation were as basis.

8.2. Exposure controls:

Technical measures to prevent exposure:

Ensure good ventilation/exhaustion at the workplace.

General protective measures: Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Avoid contact with eyes and skin.

Personal protection equipment:

Respiratory protection: Respiratory protection usually not required with adequate ventilation.

Eye protection: Tightly sealed goggles.

Hand protection:

Protective gloves

The glove material must be impermeable and resistant against the product/substance/preparation.

Recommended material of gloves: butylrubber

Recommended thickness of the material: ≥ 0.5 mm

Penetration time of glove material: ≥ 240 min.

The final selection of the glove material must be carried out on the basis of penetration times, permeation rates and degradation.

Skin protection:

Protective clothing.

### 9. Section 9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Form:	Aerosol
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
Value pH at 20 °C:	Not determined.
Melting point/freezing point:	Not determined.
Initial boiling point/boiling range:	Not determined.
Flash point:	Not determined.
Evaporation rate:	Not determined.
Flammability (solid, gas):	Not determined.
Explosive properties:	The product is not explosive.
Explosive limits:	
- lower:	Not determined.
- upper:	Not determined.

Date of issue: 03/01/2017	Trade name:	Page: 4/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

Vapour pressure at 20°C:	Not determined.
Vapour density at 20 °C:	Not determined.
Density at 20°C:	1.01 g/cm <sup>3</sup>
Relative density:	Not determined.
Solubility in/miscibility:	Water: fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-ignition temperature:	Not determined.
Viscosity:	Not determined.
Oxidising properties:	Not determined.

9.2. Other information:

Organic solvent:	0.0 %
Water:	96.2 %

**10. Section 10. Stability and reactivity:**

10.1. Reactivity:	No further relevant information available.
10.2. Chemical stability:	No decomposition if used according to specifications.
10.3. Possibility of hazardous reactions:	No dangerous reactions known.
10.4. Conditions to avoid:	No further relevant information available.
10.5. Incompatible materials:	No further relevant information available.
10.6. Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

**11. Section 11. Toxicological information:**

11.1. Information on toxicological effects:

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. Vapours have narcotic effect.

**12. Section 12. Ecological information:**

12.1. Toxicity:	
Aquatic toxicity:	No further relevant information available.
12.2. Persistence and degradability:	No further relevant information available.
12.3. Bioaccumulative potential:	No further relevant information available.
12.4. Mobility in soil:	No further relevant information available.
Additional ecological information:	
Ecotoxic effects:	
General notes:	Water danger class 1 (German Regulation, self-assessment): slightly hazardous for water
12.5. Results of PBT and vPvB assessment:	
PBT:	Not applicable.
vPvB:	Not applicable.
12.6. Other adverse effects:	No further relevant information available.

Date of issue: 03/01/2017	Trade name:	Page: 5/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

**13. Section 13. Disposal considerations:**

13.1. Waste treatment methods:

Product disposal:	Smaller quantities can be disposed of with household waste. European Waste Catalogue: 16 03 06 organic wastes other than those mentioned in 16 03 05
Packagings disposal:	Disposal must be made according to official regulations. European Waste Catalogue: 15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers (*hazardous waste)
Other disposal recommendations:	Disposal must be made according to official regulations. The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

**14. Section 14. Transport information:**


14.1. UN number:

ADR, IMDG, IATA UN 1950

14.2. UN proper shipping name:

ADR UN 1950 AEROSOLS  
IMDG AEROSOLS  
IATA AEROSOLS, non-flammable

14.3. Transport hazard class(es):

ADR   
Class 2.5A Plyny  
Hazard label 2.2  
IMDG

Class 2.2  
Hazard label 2.2  
IATA

Class 2.2  
Hazard label 2.2

14.4. Packing group:

ADR, IMDG, IATA Void.

14.5. Environmental hazards:

Marine pollutant: No.

14.6. Special precautions for user: Warning: Gases

EMS Number: F-D, S-U

Danger Code (Kemler): -

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable  
ADR  
Limited quantities (LQ) 1L  
Transport category 3  
Tunnel restriction code: E  
UN "Model Regulation": UN 1950 AEROSOLS, 2.2

Date of issue: 03/01/2017	Trade name:	Page: 6/6
Reviewed on:	<b>LEAK FINDER</b>	Version: 1.0

**15. Section 15. Regulatory information:**

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

## Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended  
Commission Decision 2000/532/EC establishing a list of wastes, as amended

Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

## 15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**16. Section 16. Other information:**

## Relevant H-statements (Section 3):

H280 Contains gas under pressure; may explode if heated.

## Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

vPvB: Very Persistent, Very Bioaccumulative

WEL: Workplace exposure limits

Aerosol 3: Aerosol, category 3

Press. Gas: Gases under pressure

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**\*Compared to the last version the data has been changed.**