

Productname : ECO Leak Finder
 Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
 Replaces:

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

1.1. Product identifier

ECO Leak Finder
 Aerosol

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

Gas leak detector

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe BV
 Touwslagerstraat 1
 9240 Zele
 Belgium
 Tel.: +32(0)52/45.60.11
 Fax.: +32(0)52/45.00.34
 E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical: Aerosol, category 3
 Pressurised container: May burst if heated.

Classification is based on test data.

Health: Eye irritation, category 2



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

Causes serious eye irritation.

Classification based on calculation method.

Environment: Not classified

Classification based on calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictogram(s):



Signal word:	Warning
Hazard statement(s):	H229 : Pressurised container: May burst if heated. H319 : Causes serious eye irritation.
Precautionary statement(s):	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. P280-2 : Wear eye protection/face protection. P337/313 : If eye irritation persists: Get medical advice/attention. P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501-2 : Dispose of contents/container to an authorised waste collection point.
Supplemental Hazard information:	Contains: 1,2-benzisothiazol-3(2H)-one May produce an allergic reaction.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
2-amino-2-methylpropanol	01-2119475110-51	124-68-5	204-709-8	<1	Eye Irrit. 2, Skin Irrit. 2, Aquatic Chronic 3	H319,H315,H412	B
dinitrogen oxide	01-2119970538-25	10024-97-2	233-032-0	<2.5	Ox. Gas 1, Press. Gas	H270,H280	B,W
(7)-N-methyl-N-(1-oxo-9-	01-	110-25-	203-	<2.5	Acute Tox. 4 Skin Irrit	H332 H315 H318 H400	B



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

octadecenyl)glycine	2119488991-20	8	749-3		2, Eye Dam. 1, Aquatic Acute 1		
Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides	01-2119490061-47	308062-28-4	(931-292-6)	<0.25	Eye Dam. 1, Acute Tox. 4, Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2	H318,H302,H315,H400,H411	Q
Oxazolidine, 4,4-dimethyl-	-	51200-87-4	257-048-2	<0.1	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 3, Eye Dam. 1, STOT SE 3	H226,H302,H331,H318,H335	
1-Butanol, 2-amino-	01-2119492338-28	96-20-8	202-488-2	<0.1	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1	H302,H314,H318,H400	B
1,2-benzisothiazol-3(2H)-one	-	2634-33-5	220-120-9	<0.05	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2	H330,H302,H315,H318,H317,H400,H411	X,R

Explanation notes

B : substance with national established workplace exposure limit

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

R : substance in plant protection or biocidal product regarded as being registered (art.15 REACH Regulation No 1907/2006)

W : Note: substance mentioned on the list of CMR-substances of the Dutch Ministry of Social Affairs and Employment (SZW)

X : SCL (specific concentration limit)in accordance with art.10 of CLP Regulation No 1272/2008

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures**4.1. Description of first aid measures**

Contact with eyes :	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Contact with skin :	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation :	Fresh air, keep warm and at rest.
Ingestion :	If swallowed accidentally, do not induce vomiting and seek medical advice.

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

Inhalation :	No harmful effects known if used for its intended purpose
Ingestion :	no special hazards known - LD50 oral rat > 5000 mg/kg
Skin contact :	May cause irritation. Symptoms : redness and pain
Eye contact :	Irritating to eyes Symptoms : redness and pain

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

General Advice :	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
-------------------------	---------------------------------------------------------------------------------------------------------------------



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material
Place in appropriate container

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition
Take precautionary measures against static discharges
Equipment should be earthed
Use explosion-proof electrical/ventilating/lighting/.../equipment.
Use only non-sparking tools.



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.
 Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
 Keep out of reach of children.

7.3. Specific end use(s)

Gas leak detector

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
National established exposure limits, United Kingdom			
dinitrogen oxide	10024-97-2	TWA	100 ppm
National established exposure limits, Ireland			
dinitrogen oxide	10024-97-2	TWA	50 ppm
		STEL	-

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. In all cases handle and use the product in accordance with good industrial hygiene practices. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
hands and skin :	For incidental contact with the product wear chemical-resistant gloves (standard EN 374). The use of disposable gloves is acceptable provided that they are changed immediately after a splash or spill. Where intentional contact is expected reusable gloves with a breakthrough time of minimum 10 minutes should be used. The breakthrough time of the glove has to be adapted to the total duration of product use. In all cases handle and use the product in accordance with good industrial hygiene practices.



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

Recommended gloves: Nitrile
eyes : Wear safety eyewear according to EN 166.
Environmental protection: Avoid release to the environment.
Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Appearance : physical state : N2O propelled liquid.
colour : Colorless.
odour : Neutral.
pH : 7.76
Boiling point/range : Not available.
Flash point : None
Evaporation rate : Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 0.999 g/cm³ (@ 20°C).
Solubility in water : Soluble in water
Auto-ignition : > 200 °C

9.2. Other information

VOC = volatile organic compounds 0.5 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

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:	Causes serious eye irritation.
respiratory or skin sensitisation:	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
toxicity for reproduction:	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

Information on likely routes of exposure:

Inhalation :	No harmful effects known if used for its intended purpose
Ingestion :	no special hazards known - LD50 oral rat > 5000 mg/kg
Skin contact :	May produce an allergic reaction.
Eye contact :	Causes serious eye irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides	308062-28-4	LD50 oral rat	1064 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides	308062-28-4	IC50 algae	0.143 mg/l
		LC50 fish	2.67 mg/l



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

		EC50 daphnia	3.1 mg/l
--	--	--------------	----------

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Soluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No experimental data available
GWP (global warming potential): 3

SECTION 13: Disposal considerations

13.1. Waste treatment methods

National regulations : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

Class: 2.2
Subsidiary risk: 5.1
ADR/RID - Classification code: 5A

14.4. Packing group



Productname : ECO Leak Finder
Ref.Nr.: BDS002537_3_20200409 (EN)

Creationdate : 09.04.20 Version : 1.0
Replaces:

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally
hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally
hazardous: No

14.6. Special precautions for user

ADR/RID - Tunnelcode: (E)
IMDG - Ems: F-D, S-U
IATA/ICAO - PAX: 203
IATA/ICAO - CAO: 203

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

The Safety Data Sheet is compiled according to the current European requirements.
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
EU-directive 99/45/EC
Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H226 : Flammable liquid and vapour.
H270 : May cause or intensify fire; oxidiser.
H280 : Contains gas under pressure; may explode if heated.
H302 : Harmful if swallowed.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H330 : Fatal if inhaled.
H331 : Toxic if inhaled.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.



Productname :	ECO Leak Finder	Creationdate :	09.04.20 Version : 1.0
Ref.Nr.:	BDS002537_3_20200409 (EN)	Replaces:	

	H400 : Very toxic to aquatic life.
	H411 : Toxic to aquatic life with long lasting effects.
	H412 : Harmful to aquatic life with long lasting effects.
acronyms and synonyms:	TWA = time weight average
	STEL = short time exposure limit
	VOC = volatile organic compounds
	PBT = persistant bioaccumulative toxic
	vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.