

**Productname :** LEAK FINDER  
**Ref.Nr.:** AB14500-3-311007  
**Creationdate :** 31.10.07  
**Replaces:** 10.01.07

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** LEAK FINDER  
Aerosol

**Application :** Gas leak detector

**Company :** CRC Industries Europe bvba  
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CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

## 2. HAZARD IDENTIFICATION

**Health and Safety :** According to EU-directive 99/45/EC not classified

**Environment :** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Other hazards :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Mixture of water with surfactant, monoethanolamine and preservative

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
dinitrogen oxide	10024-97-2	233-032-0	1-5	-	-	
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3	0.25-2.5	Xi,N	38-41-50/53	
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	C	20/21/22-34	A
Amines, C12-18-alkyldimethyl, N-oxides	68955-55-5	273-281-2	0-1	Xi,N	R38,R41,R50	
Explanation notes						



CRC Industries Europe bvba

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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
A : substance with Community workplace exposure limit						

(\* Explanation risk-phrases : see chapter 16)

#### 4. FIRST AID MEASURES

**General Advice :** The usual precautions for handling chemicals should be observed  
If any symptoms should occur, seek medical advice.

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water

**Contact with skin :** Wash with water and soap.

**Inhalation :** Fresh air, keep warm and at rest.

**Ingestion :** Ingestion is unlikely to occur  
If swallowed accidentally, do not induce vomiting and seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

**Explosion limits : upper limit :** not available

**lower limit :** not available

**Extinguishing media :** water, foam, carbon dioxide or dry agent

**Fire-fighting procedures :** Keep container(s) exposed to fire cool, by spraying with water

**Unusual exposure hazard :** Aerosols may explode if heated above 50°C

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions :** The usual precautions for handling chemicals should be observed

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

**Cleaning methods :** Wash spill site with water and detergent

#### 7. HANDLING AND STORAGE

**Handling procedures :** The usual precautions for handling chemicals should be observed  
Do not pierce or burn aerosols, even after use.  
Do not breathe aerosols or vapours.  
Avoid contact with skin and eyes.

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**Storage procedures :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Store frost free  
Keep out of reach of children.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Control procedures :** Ensure adequate ventilation  
**Personal protection :** It is advisable to take precautions to avoid contact with skin and eyes when handling the product.  
**inhalation :** Use only in well ventilated areas  
**hands and skin :** Wear suitable protective gloves  
**eyes :** Wear safety goggles.  
**Exposure limits :**

Hazardous ingredient	CAS-nr	method	
<b>EU established exposure limits:</b>			
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

**Apperance : physical state :** N2O propelled liquid  
**colour :** colourless  
**odour :** Odourless  
**Boiling point/range :** 100 °C  
**Relative density :** 0.999 g/cm3 (@ 20°C)  
**pH :** 7.46  
**Vapour pressure :** not available  
**Auto-ignition :** > 200 °C

## 10. STABILITY AND REACTIVITY

**Conditions to be avoided :** Store frost free  
**Materials to be avoided :** None  
**Hazardous decomposition compounds :** None

## 11. TOXICOLOGICAL INFORMATION

**Other information:** No experimental data available

## 12. ECOLOGICAL INFORMATION

Hazardous ingredient	CAS-nr	method	
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	LC50 fish	1-10 mg/l



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Hazardous ingredient	CAS-nr	method	
		EC50 daphnia	0.68 mg/l
Amines, C12-18-alkyldimethyl, N-oxides	68955-55-5	LC50 fish	0-1 mg/l

**Other adverse effects :**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do not allow to enter public sewers and watercourses

**13. WASTE DISPOSAL****Product :**

Do not empty into drains.

This material and its container must be disposed of in a safe way.

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

**14. TRANSPORT****UN-number :**

1950

**Road/Rail - ADR/RID :**

UN1950 Aerosols Class : 2, PG : NA, Class code : 50

**Sea - IMDG :**

UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA

**EmS**

F-D,S-U

**Air - IATA/ICAO :**

UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG

**Packing instr. LQ**

Y203

**PAX**

203

**CAO**

203

**15. REGULATORY INFORMATION****Risk-phrase(s) :**

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety-phrase(s) :**

S2: Keep out of the reach of children.

S23: Do not breathe spray.

S24/25: Avoid contact with skin and eyes.

S35: This material and its container must be disposed of in a safe way.

S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use.



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## 16. OTHER INFORMATION

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.

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**\*Explanation risk-phrases:**

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R34: Causes burns.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.