

Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : LEAK DETECTOR **Creationdate :** 12.01.09
Ref.Nr.: UK10037-3-120109 **Replaces:** 10.03.08

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : LEAK DETECTOR
Aerosol

Application : Gas leak detector

Company : CRC Industries UK Ltd.
Castlefield Industrial Estate, Wylds Rd, Bridgwater,
Somerset,
UK, TA64DD
Tel.: (+44)(0)1278 727200
Fax: (+44)(0)1278 425644
E-mail : hse.uk@crcind.com

Supplied by:
RS Components Ltd,
Birchington Road, Corby, Northants, NN17 9RS.
Tel: +44 (0) 1536 402888 (8am to 8pm)
Email: technical.help@rs-components.com

In case of emergency : (+44)(0)1278 727200

Subsidiaries		Tel	Fax
CRC Industries Europe	Touwslagerstraat 1 9240 Zele Belgium	(+32) (0) 52 / 45 60 11	(+32) (0) 52 / 45 00 34
CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/32921	(+358)(0)19/383676
CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427546	(+34)921/436270
CRC Industries Sweden	Kryptogatan 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						
A : substance with Community workplace						



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CRC Industries UK Limited

Ambersil House, Wylds Road, Castlefield Industrial Estate,
Bridgwater, Somerset, TA6 4DD

Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.crcind.com

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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
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.

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.



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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	
EU established exposure limits:			
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
		EC50 daphnia	0.68 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



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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.

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. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

