	Safety Data Sheet according to 91/155/EC	Reviewed on: 15.05.2005
Rotest Leak Detection Spray		Art. No.: 6.5000


1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING	
Trade name:	Rotest Lecksuchspray
Company:	ROTHENBERGER Werkzeuge GmbH Industriestr. 7 65779 Kelkheim Tel.: 06195 / 800 1

2. COMPOSITION / INFORMATION ON INGREDIENTS			
Chemical characterization:	Mixture of propane, n-butane.		
Hazardous ingredients			
CAS-No.	Name	Classification	%
1336-21-6	Ammonia	C, N; R34-50	< 0,1
55965-84-9	Kathon	T, N, R23/24/25-34-43-50/53	< 0,0015
7727-37-9	Nitrogen		< 1
Additional advice:	Application: Burning gas for soldering equipment. R-phrases see chapter 16.		

3. HAZARDS IDENTIFICATION
-

4. FIRST – AID MEASURES	
General information:	-
Inhalation:	-
Skin contact:	-
Eye contact:	In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. In case of irritation consult an oculist.
Ingestion:	Rinse mouth thoroughly with water.
Hints for physician:	-

5. FIRE – FIGHTING MEASURES	
Suitable extinguishing media:	Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed.
Extinguishing media that may not be used for safety reasons:	None
Special exposure hazards arising from the substance, Or preparation itself, combustion Products, resulting gases:	None

	Safety Data Sheet according to 91/155/EC	Reviewed on: 15.05.2005
Rotest Leak Detection Spray		Art. No.: 6.5000

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: -

Environmental precautions: -

Methods for cleaning up/taking up: -

7. HANDLING AND STORAGE

Handling: Not applicable

Storage: Container under pressure. Protect from sun and temperatures above 50°C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

Specific use(s): -

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional hints on technical system design: See chapter 7.; no measures exceeding the ones mentioned are necessary.

Exposure limits-CAS number, name, values

CAS-No.	Name	values
7664-41-7	Ammonia TWA (NIOSH)	17,5 mg/m ³
55965-84-9	Kathon-TWA (DE)	0,05 mg/m ³

Personal protection equipment: No

Respiratory protection: Not applicable

Hand protection (the breakthrough time of the glove material, with regard to the amount and duration of dermal exposure): Not applicable

Eye protection: Not applicable

Skin protection: Not applicable

Other: -

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aerosol

Colour: Colourless

Odour: Slightly ammonia-like

Density: 0,8-1,0 mg/ml


Solubility in water: soluble

pH: 6,5-8,5

Flash point: n.a.

Viscosity,sec (ISO 2431,6 mm): n.a.

Vapour pressure at 50 °C, kPa: n.a.

 ROTHENBERGER	Safety Data Sheet according to 91/155/EC	Reviewed on: 15.05.2005
Rotest Leak Detection Spray		Art. No.: 6.5000

Ignition temperature:	n.a.
Explosion limits, %:	n.a.
VOC-value, g/l:	-

10. STABILITY AND REACTIVITY	
Conditions to avoid: above	Container is under pressure. Protect from sun and temperatures 50 °C. Do not open with force or incinerate even after use.
Materials to avoid:	-
Hazardous decomposition products:	-


11. TOXICOLOGICAL INFORMATION	
The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EEC). Exact data is not available.	

12. ECOLOGICAL INFORMATION	
The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EEC). Exact data is not available.	

13. DISPOSAL CONSIDERATIONS	
Product:	-
EWC:	-
Packaging: accordance treatment	Completely emptied packagings can be given for recycling. (In with local authority regulations, take to chemical/physical plant.)
EWC: mentioned in	(16 05 05-gases in pressure containers other than those 16 05 04)

14. TRANSPORT INFORMATION			
	ADR/RID	IMDG	IATA
UN number	1950	1950	1950
Proper shipping name	Aerosols	Aerosols, non flammable	Aerosols, non flammable
Class	2	2.2	2.2
Marine pollutant	-	-	-
Code	5A	-	-
Packing group	-	-	-

15. REGULATORY INFORMATION	
Labelling in accordance with EC:	
Hazards symbols:	--

	Safety Data Sheet according to 91/155/EC	Reviewed on: 15.05.2005
	Rotest Leak Detection Spray	Art. No.: 6.5000

Contains:	
R phrases:	--
S phrases:	--
Special labelling for certain preparations: to after use.	Pressurized container: Protect from sunlight and do not expose temperatures exceeding 50 °C. Do not pierce or burn, even Keep out of reach of children.
Other regulations:	
Restriction of occupation: nursing	Observe employment restrictions for child bearing mothers and mothers.

16. <u>OTHER INFORMATION</u>
Miscellaneous:
The information in the safety data sheet corresponds to our current know-how. The data sheet should give hints on the secure handling of the product. The information represents no assertion for product quality.