

Werkzeuge GmbH**according to 91/155/EEC****Revision:****Printed:****Trade name: ROTEST**

23.02.08

Leak Detection Spray

1. Identification of preparation and company/business**Trade name:**

ROTEST Leak Detection Spray

Article number

6.5000

Company/business:ROTHENBERGER Werkzeuge GmbH Industriestraße 7 D- 65779 Kelkheim/Germany Telephone: +49 (0) 6195-800-1 Fax: +49 (0) 6195-744 22 E-Mail: verkauf@rothenberger.dewww.rothenberger.de**Advice:**Purchasing Department Mrs. Heide-Marie Scherf Telephone: +49 (0) 6195-800-240 Fax: +49 (0) 6195-800-5240 e-Mail: Heide.Scherf@rothenberger.de**2. Composition/information on ingredients****Chemical characterisation:**

Mixture on hydrocarbons with short chains

Hazardous ingredients:

name of the substance classification [%-Wt] CAS-No.:

Ammonia NH₃ C,N; R34-50 < 2,5 1336-21-6**For full text of the R-sentences, see section 16****3. Possible hazards**

In case of proper usage no special risks are to be expected

4. First aid measures**General information**

no

After inhalation (feeling unwell):

no

After skin contact:

In case of contact with skin wash off immediately with soap and water. Remove contaminated clothes.

After eye contact:

Remove lenses. Rinse the affected eye immediately with plenty of water at the same time keep the unaffected eye well protected. In case of irritation consult an oculist.

After ingestion:

Rinse out mouth. Do not induce vomiting. Summon a doctor immediately.

Hints for the physician:

no

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5. Fire-fighting measures

Suitable extinguishing media:

Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed.

Extinguishing media that must not be used for safety reasons:

no

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:

no

Special protective equipment for firefighters:

no

Additional information:

no

6. Accidental release measures

Personal precautions:

Regard general protective measures (chapter 7 and 8)

Environmental measures:

Small diluted amounts may be released into drains.

Procedures for cleaning up:

Take up with absorbent material (e.g. sand, universal binder).

7. Handling and storage

Hints on safe handling:

Avoid contact with skin and eyes. Do not breathe spray. Use only in well ventilated areas. For personal protective equipment see chapter 8. Container is under pressure. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

Hints for protection against fire and explosion:

no.

Requirements for storage rooms and vessels:

Store in well ventilated areas. Storage not over 40°C.

Hints on storage assembly:

Store in steel containers.

Further information on storage conditions:

no.

8. Exposure controls/personal protection

Additional hints on technical system design

See chapter 7; no measures exceeding the ones mentioned are necessary.

Components with job-related threshold values to be checked (in accordance with the German technical rules for dangerous materials TRGS 900 and 903):

Substance CAS-No. MAK-Value /Unit

Ammonia <2,5% 1336-21-6 50,0 ml/m³ 5-Chlor-2-methyl-2,3- 26172-55-4 0,05 mg/m³ dihydroisothiazol-3-on

Personal protective equipment: Respiratory protection -Hand protection: Protective nitrile gloves **Eye protection:** Safety glasses **Protective clothing:** -Hygienic measures: -

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1 **Physical and chemical properties**

2 **Stability and Reactivity**

Form:	Aerosol
Colour:	colourless
Odour:	sweetish-mild
Density:	ca. 1,0 g/ml
pH-value:	7-8
Viscosity:	
Solubility in water 20 Grad C:	soluble
Stream pressure (20°C):	-
Vapour pressure:	n.a.
Siedepunkt:	n.a.
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.

Conditions to be avoided:

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Materials to be avoided:

no

Hazardous reactions:

no

Hazardous decomposition products:

no

11. Toxicological information

LD50 rat oral: n.a. LC50 rat inhal: n.a. LD50 rat dermal: n.a.

12. Ecological information

The material has no harmful effect on the environment.

13. Disposal considerations

Emptied packagings:

Completely emptied packagings can be given for recycling.

Disposal code (EAK/EWC):

no

14. Transport information

UN-No.: 1950

GGVS/ADR and GGVE/RID:

Description: Pressurized container Class: 2 Class code: 5A Packaging group: -

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GGVSee/IMDG-Code:

Technical name: Aerosol, non flammable Class: 2.2 Secondary risk: -Packaging group: -

Air VG/IATA-DGR:

Technical name: Aerosol, non flammable Class: 2.2 Secondary risk: -Packaging group: -

15. Regulatory information:

The product is classified and labelled according to the European guidelines: 1999/45/EG:

Symbols and description of danger: -Dangerous components: -R-phrases: -S-phrases: -Special labelling: Container is under pressure. Protect from sunlight and temperatures exceeding 50°C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects. Keep away from sources of ignition --- No smoking---. Keep out of reach of children.

16. Other information:

R 34:

Causes burns.

R 50:

Very toxic to aquatic organisms.

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!