

Weicon GmbH

Revision date: 23.12.2009

Revision no.:

1,00

Leak Detection Spray

7619-0106

1. Product and Company Identification**Commercial product name**

Leak Detection Spray

Further trade names

11651

Chemical characterization (Mixture)

Aerosol

Aqueous surfactants solution (without solvents)

Company/undertaking identification**Manufacturer**

Weicon GmbH

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2. Hazards Identification**Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

CAUTION !

Contents under pressure.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients**Hazardous components**

CAS No.	Components	Quantity
10024-97-2	Dinitrogen oxide	<=2.5 %

Further Information

Under pressure

4. First Aid Measures**General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately and for a long time with plenty of water.

Consult a physician.

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After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Consult (eye) doctor immediately.

After ingestion

Summon a doctor immediately.

Do not induce vomiting.

Advice to physician

Treat symptoms.

5. Fire Fighting Measures

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Cool containers at risk with water spray jet.

Heating will cause pressure rise with risk of bursting.

6. Accidental Release Measures

Personal precautions

Ensure adequate ventilation.

Methods for cleaning up/taking up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Shovel into suitable container for disposal.

Additional information

Clean contaminated surface thoroughly.

7. Handling and Storage

Handling

Advice on safe handling

Keep only in original container.

Advice on protection against fire and explosion

No special protective measures against fire required.

The product is not combustible.

Further information on handling

Protect compressed gas-bottles from falling down.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Store only in original container at temperature of 50°C maximum (=122°F).

Protect from heat and direct solar radiation.

Protect from heat/overheating.

Storage stability 12 months maximum.

Further information on storage conditions

At storing temperature below 40°C unlimited stability.

8. Exposure Controls/Personal Protection

Exposure limit values

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Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
10024-97-2	Nitrous oxide	25	46		TWA (8 h)	REL
		50	90		TWA (8 h)	TLV
		-	-		STEL (15 min)	TLV
		-	-		Peak	TLV

Occupational exposure controls

Handle in accordance with good industrial hygiene and safety practices.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

Respiratory protection

Not required under normal use.

Hand protection

Not required under normal use.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Tightly fitting goggles

Skin protection

Light protective clothing

9. Physical and Chemical Properties**Appearance**

Form: Aerosol
 Color: Colourless
 Odor: Hardly noticeable

Important health, safety and environmental information

pH-Value (at 20 °C):

6 - 7,5

Test method

Changes in the physical state

Flash point:

n.a.

Lower explosion limits:

n.a.

Upper explosion limits:

Vapour pressure:
 (at 20 °C)

6000-6500 hPa

Density (at 20 °C):

0,99-1,01 g/cm³

Water solubility:

Multimiscible

(at 20 °C)

Solvent content

0,04%

Other information

Ignition temperature:

n.d.

10. Stability and Reactivity

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Stability

Stable

Conditions to avoid

Avoid temperatures above 50°C.

To avoid thermal decomposition, do not overheat.

Materials to avoid

None under normal use.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Possibility of Hazardous Reactions

Will not occur

Additional information

No decomposition if stored and applied as directed.

11. Toxicological Information**Acute toxicity**

No toxicological data available.

Corrosive and irritant effects

Eye irritation :Low irritant - no labeling duty

12. Ecological Information**Ecotoxicity**

Ecological data are not available.

Persistence and degradability

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely.

Further information

Product does not contain any organic bound halogens which could lead to AOX-values.

13. Disposal Considerations**Advice on disposal**

Where possible recycling is preferred to disposal.

Remove in accordance with local official regulations.

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Re-using the polluted packaging materials is not allowed.

Contaminated packagings are to be treated like the product itself.

14. Transport Information**US DOT 49 CFR 172.101****Proper shipping name**

AEROSOLS

ID Number:

UN1950

Hazard Class or Division:

2.2

Packing group:

-

Label:

2.2

Land transport (ADR/RID)

UN number:

1950

ADR/RID class:

2

Classification Code:

5A

Warning plate

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Hazard label: 2.2



ADR/RID packing group: -

Limited quantity: LQ2

Description of the goods

AEROSOLS

Other applicable information

LQ 2: combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Tunnel restriction code: E

Transport category: 3

Marine transport

UN number: 1950

IMDG code: 2

Marine pollutant: No

Hazard label: 2.2



IMDG packing group: -

EmS: F-D, S-U

Limited quantity: 1 L / 30 kg

Description of the goods

AEROSOLS

Air transport

UN/ID number: 1950

ICAO/IATA-DGR: 2.2

Hazard label: 2.2



ICAO packing group: -

Limited quantity Passenger: Y203 / 30 kg G

IATA-packing instructions - Passenger: 203

IATA-max. quantity - Passenger: 75 kg

IATA-packing instructions - Cargo: 203

IATA-max. quantity - Cargo: 150 kg

Description of the goods

AEROSOLS

15. Regulatory Information**U.S. Regulations****National Inventory TSCA**

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

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State Regulations

This product contains max VOC: 0,04% (0,4 g/L)

16. Other Information**Hazardous Materials Information Label (HMIS)**

Health: 1

Flammability: 0

Physical Hazard: 0

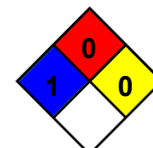
NFPA Hazard Ratings

Health: 1

Flammability: 0

Reactivity: 0

Unique Hazard:

**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)