

Description

WS 1822 S detects and locates gas leaks and pressure losses in pipelines, pressure systems, etc. quickly and efficiently by creating a perfectly visible bubble when applied directly to the leak.

WS 1822 S is a water-based formulation containing surfactants, anticorrosives and stabilisers. It helps to protect the environment by localising emissions of toxic gases and pollutants.

Features

- It can be used with almost all types of gases:
- Natural gas, propane, butane, acetylene, oxygen, LPG refrigerants, nitrogen, carbon dioxide, compressed air.
- It is stable, safe, non-staining and non-corrosive.
- Safe on plastics, steel, aluminium, copper, etc.
- Stable formulation.
- The aerosols are equipped with 360° valves (sprays in inverted position) and a wide diffuser for added comfort.
- The aerosols use neutral N2O as propellant, giving an active product content of 98%.

Applications

- Valves
- Pipelines
- Threaded connections
- Welding joints
- Compressors
- Refrigeration units, air conditioning.
- Liquefied gases
- Pressure testing of pressurised cables
- Engines with LPG fuels
- Exhaust pipes.

Instructions for use

- Apply evenly over the area to be tested.
- Bubbles will appear in the exact area of the leak.
- The product is water-based and must not come into contact with connected electrical equipment.
- If necessary (e.g. oxygen systems) the remaining residue products can be removed with water.

Demo
1822 S



Certifications/Specifications

- Complies with DIN 30657 requirements
- Registered by DVGW (Deutscher Verein des Gas und Wasserfaches)
- Meets MIL-L-25567 specification for oxygen compatibility. Testing in systems where oxygen is involved should be done with caution, without allowing residue to be produced.

Technical Data

Property	Specification/Method	Value
Reference	- - - - -	WS 1822 S
Aspect	- - - - -	Liquid
Colour	- - - - -	Colourless
Density at 20°C	- - - - -	1,00 +- 0,01
pH	- - - - -	8,5
Surface tension at 20°C	- - - - -	28 mN/m
Foam stability	DIN 53902	90%
Corrosion test	DIN 30657	Non-corrosive
Flash point	- - - - -	Non-flammable
Freezing point	- - - - -	0°C (*)
Boiling point	- - - - -	100°C

(*) The product may be two-phase at low temperatures, but-after thawing-can be reconditioned by stirring.

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All data contained in this document are based on experience and laboratory tests. The wide range of equipment and environmental conditions as well as unforeseen human factors may influence the application results to a greater or lesser extent. For this reason we advise you to check the compatibility of the product before use. This information is based on reliable experience, but is merely indicative.