

# SAFETY DATA SHEET

Date: April 2001

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## 1. Identification of the substance/preparation and company

- 1.1 Product/trade name: **Leak Detection Fluid** Compressed Air Pressure Spray
- 1.2 Name, address and telephone number of manufacturer.  
Manufacturer Stevens Industrial Services Ltd      Importer: Sureweld International Ltd  
Unit 4, Littleburn Ind Est      Fonthill  
Langley Moor      Lucan  
Durham DH7 8JE, England      County Dublin  
Tel : (0191) 378 1786      Tel 01 626 6242  
Fax: (0191) 378 2190      Fax 01 626 2533
- 1.3 Emergency Telephone Number: Tel: (0191) 378 1786

## 2. Composition and information on ingredients

- 2.1 Chemical nature:      Substance:      Preparation: X  
Definition:      Blend of water soluble surface active agents with viscosity modifiers.
- 2.2 Dangerous substances:      None.

## 3. Hazards Identification

- 3.1 Category of Danger:      Not Applicable.  
Classification:      None required.  
Environment:      See section 12.

## 4. First Aid Measures

- 4.1 General Advice:      No special First Aid measures necessary.
- 4.2 Skin contact:      Remove affected clothing and drench affected skin with copious amounts of water.
- 4.3 Eye contact:      Irrigate thoroughly for at least 10 minutes with copious amounts of water. Obtain medical attention.
- 4.4 Ingestion:      Do not induce vomiting and consult a Doctor.

## 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:      Not required. Product is Non-Flammable.
- 5.2 Do not use for Safety reasons:      None specified.
- 5.3 Exposure hazards arising from the substance or preparation itself, or combustion products or resulting gases:      None.
- 5.4 Special protective equipment For Fire Fighters:      None.

## 6. Accidental Release Measures

- 6.1 Personal Precautions:      None, or see Item 4.
- 6.2 Environmental Precautions:      The emulsifiers achieve the following Biodegradability:  
Bismuth active substance = 97.2% (5 days)  
Bismuth active substance = 100% (19 days)  
As with all products, prevent leakage into Sewers, ground water and soil by use of sand or other suitably inert material.  
When leakage occurs, contact and notify your local Authority or Water Authority as appropriate. (See also Section 12.)

**7. Handling and Storage**

- 7.1 Handling: No special handling measures necessary. Do not pierce pressurized container even when empty. Avoid exposing the container to direct sunlight or heat sources with a naked flame. Keep container capped until ready for use to avoid accidental release of the contents. Do not smoke whilst using the product.
- 7.2 Advice for Fire And Explosion Protection: Avoid exposing the container and/or packaging to temperatures in excess of 50°C.
- 7.3 Storage: Conditions of Storage and Packaging: Keep packaging closed and away from Frost. Avoid exposing packaging to direct sunlight or heat sources. Avoid exposure to extremes of temperature between 5°C and 50°C. No special instructions necessary regarding storage with other products. Container and contents are Non-Flammable and Non-Toxic.

**8. Exposure Controls and Personal Protection**

- 8.1 Technical Advice: None. Product is used alone and not mixed with other products.
- 8.2 Exposure Limits: LD50 (RAT/Oral) >300g/Kg
- 8.3 Personal Protection
- General protection and hygiene measures: Avoid long, regular and intensive skin contact. Wear Safety Gloves. Wear safety goggles to prevent eye contact. Wash hands thoroughly after use and before handling food. Prolonged contact may lead to de-fatting of the skin. Do not smoke or eat food whilst using the product. Keep product away from food and drinks.
- Respiratory Protection: No special measures necessary. As with all pressurised products take care to avoid spray or contents being inhaled when airborne.
- Hand Protection: Wear protective gloves. Under normal use, hand contact will be minimal.
- Eye Protection: Wear safety goggles to prevent accidental release into the eyes.
- Skin Protection: Avoid long and intensive skin contact. Under normal use, product should not come into contact with skin.

**9. Physical and Chemical Properties**

- 9.1 Appearance
- Physical form: Liquid Spray
- Appearance: Neutral.
- Odour: Not detectable.
- 9.2 Relevant parameters:
- Boiling point: >100°C.
- Solubility: Fully soluble.

**10. Stability and Reactivity.**

- 10.1 Conditions to avoid: Under normal storage and working conditions the product is stable. Product may dull polished surfaces.
- 10.2 Hazardous decomposition: Oxides of Carbon.

**11. Toxicological Information**

- 11.1 Immediate toxicity: The product has extremely low oral toxicity.  
Irritant working: Prolonged skin contact may cause irritation.  
Delayed Chronic Toxicity: Chronic ingestion studies in animals have shown that repeated doses produce no significant effects.

**12. Ecological Information**

- 12.1 Degradability: The product exhibits good Biodegradability.  
12.2 Mobility: The product is a liquid and emulsifies with water. Non hazardous product for surface and ground water.  
12.3 Eco Toxicological Effects: The product is anticipated to leave virtually no traces following Biological treatment processes.  
12.4 Further harmful ecological Information: Aquatic Toxicity (LC50, 96 Hours (Rainbow Trout) 2160mg/Ltr. (Static).

**13. Disposal Considerations.**

- 13.1 Product: Water Soluble leak detection fluid.  
Recommendation: Disposal by a licensed Company.  
Waste Name: Water Soluble leak detection fluid.  
13.2 Packaging: Pressure spray Tin.  
Recommendation: Empty the containers completely and dispose by a licensed Company.

**14. Transport Information**

- 14.1 Transportation by Road/Rail/Sea (ADR / RID / IMDG):  
Mark / Letter 2  
Class: 2.2  
UN N<sup>o</sup>.: 1950

**15. Regulatory Information**

- 15.1 Distinguishing marks: Outer packaging to be identified as Pressure Spray by use of the figures "1950" within the borders of a diamond displayed on the outer carton, and with the figure "2" displayed also within the border of the diamond.

**16. Further Information**

- 16.1 This information relates only to the product as supplied and may not be valid or relevant for this product used in combination with any other material or process other than that for which it was designed.