

## SAFETY DATA SHEET

Pieri VBA 2002

Version: 6

Review date: 24/12/2004

91/155/EC (3 ATP) - ISO 11014-1

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product name: Pieri VBA 2002  
Uses or/and applications: 100% solvent free surface retarder for architectonic concrete paving  
Product code nr: Pieri VBA 2002  
Supplier: Pieri  
Maisonneuve  
F-71580 Saillenard  
France  
Phone: +33 (3) 85 76 45 00  
Fax: +33 (3) 85 76 10 84  
Emergency phone number (to be used by the practising doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131  
B - Centre Antipoisons Tél: 070 / 245.245

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Preparation name: Pieri VBA 2002  
Component(s) contributing to the hazard:

- Aliphatic acid  
Conc. wt.(%): 5 < C <= 10 - Symbol(s): Xi - R: 36
- Anionic Surfactant  
Conc. wt.(%): 1 < C <= 5 - Symbol(s): Xi - R: 38-41

**3. HAZARDS IDENTIFICATION**

Most important hazards: Harmful  
Specific hazards: mild skin irritation, mild eye irritation

**4. FIRST AID MEASURES**

General advice: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.  
Inhalation: Fresh air, rest.  
Skin contact: Wash skin with plenty of water.  
Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.  
Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide (CO2), powder.  
Extinguishing media which must NOT be used for safety reasons: None.  
Specific method(s): Cool closed containers exposed to fire with water spray.  
Do not allow run-off from fire fighting to enter drains or water courses.  
Specific fire hazard(s): Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.  
Special protective equipment for fire-fighters: Use a self-contained breathing apparatus and also a protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precaution(s): Evacuate personnel to a safe area.  
Environmental precaution(s): Dike and contain spill.  
Method(s) for cleaning up: Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth  
Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

**7. HANDLING AND STORAGE**

Handling  
- Precaution(s): Material handling require no special precaution measures.

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- Technical condition(s): Wear closed safety glasses.
- Safe handling advice(s): Opened containers must be carefully closed and kept upright to avoid leakage.

### Storage

- Precaution(s): Observe the label precautions.
- Storage condition(s): Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Packaging / tank material: Plastic packaging are recommended.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s): To protect against splashes from pouring.

Control parameter(s):

- Exposure limit(s): Not applicable.

Personal protection equipment:

- Respiratory protection: No personal breathing protective equipment is normally required.
- Hand protection: Wear suitable gloves.
- Skin and body protection: long sleeved protective clothing
- Eye protection: Wear closed safety glasses.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: liquid
- Colour: green, blue, yellow, grey.
- Odour: slight

Important health, safety and environmental information

- pH: 2.1
- Boiling point/range: 100°C
- Melting point/range: -10°C
- Flash point: Not applicable.
- Decomposition temperature: > 200°C
- Explosion limits: Not applicable.
- Vapour pressure: 15 mmHg - 15°C
- Relative density (water = 1): 1,12 - 1,16
- Viscosity: < 7 cSt (Iso 2431 N°3 - 20°C)  
< 7 cSt (Iso 2431 N°3 - 40°C)
- Water solubility: partly miscible
- Fat solubility: Not determined.
- Solvent solubility: immiscible

### 10. STABILITY AND REACTIVITY

Stability: Stable under the recommended storage and handling conditions. (See Section 7).

Hazardous decomposition products: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy.

### 11. TOXICOLOGICAL INFORMATION

General information(s): Health injuries are not known or expected under normal use.

Acute toxicity

- Inhalation: No data available.
- Skin contact: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

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- Eyes contact: Splashes in the eyes may cause irritation and reversible local damage.

- Ingestion: No data available.

### 12. ECOLOGICAL INFORMATION

General information(s): There is no data available on the product itself.  
The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Environmental toxicity: No information available about this product.

Other adverse effects

### 13. DISPOSAL CONSIDERATIONS

Waste / unused products: Avoid undiluted product to come into sewer or superficial water.

Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Further Information(s):

### 14. TRANSPORT INFORMATION

General information(s): Not classified as dangerous in the meaning of transport regulations.

UN N°: Not applicable.

### 15. REGULATORY INFORMATION

Labelling: According to European directives on classification, packaging and labelling of dangerous substances

EEC number: Not applicable.

Symbol(s): Xi - Irritant

R-phrases(s): 36 Irritating to eyes.

S-phrases(s): 25 Avoid contact with eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

64 If swallowed, rinse mouth with water (only if the person is conscious)

### 16. OTHER INFORMATION

According to legislation(s): This safety data sheet is in compliance with EEC directives and adaptations: 2001/58/ce.

Important remarks: As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.  
The user is always responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

Uses or/and applications: 100% solvent free surface retarder for architectonic concrete paving

Restrictions: The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

- First edition date: 24/07/2000

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- Version: 6

- Review chapter(s) n°: 2-3-14-15-16