

SAFETY DATA SHEET

Pieri Cire LM-33

Version: 3

Review date: 22/10/2004

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

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

Product name: Pieri Cire LM-33
Uses or/and applications: Solid release wax for architectural concrete
Product code nr: Pieri Cire LM-33
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 Cire LM-33
Component(s) contributing to the hazard: • Amines, N-tallow alkyltrimethylenedioleates - CAS no: 61791-53-5
Conc. wt.(%): 1 < C <= 5 - Symbol(s): C N - R: 51-53-34-21/22

3. HAZARDS IDENTIFICATION

Most important hazards: none
Specific hazards: none

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 and soap.
Eye contact: Wash with plenty of water and if necessary take medical advice.
Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: powder, alcohol-resistant foam, water spray, carbon dioxide.
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): Concerning personal protective equipment to use, see item 8.
Environmental precaution(s): If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.
Method(s) for cleaning up: Shovel or sweep up and put in a closed container for disposal.

7. HANDLING AND STORAGE

Handling
- Precaution(s): Smoking, eating and drinking should be prohibited in areas of storage and use.
- Technical condition(s): No special technical protective measures required.
- Safe handling advice(s): Keep container closed when not in use.

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Storage

- Precaution(s): Keep container tightly closed.
- Technical condition(s): Not flammable and waterproof underground retention basin.
- Storage condition(s): Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Packaging / tank material: made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s):

Control parameter(s):

- Exposure limit(s):
Not applicable.

Personal protection equipment:

- Respiratory protection: Not applicable.
- Hand protection: nitrile rubber gloves
- Skin and body protection: Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
- Eye protection: Eye protection designed to protect against liquid splashes should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: liquid viscous
- Colour: light yellow
- Odour: not significant

Important health, safety and environmental information

- pH: Not applicable.
- Boiling point/range: > 150°C
- Melting point/range: 35°C
- Flash point: > 100°C
- Decomposition temperature: > 200°C
- Explosion limits: Not applicable.
- Vapour pressure: < 1 mm Hg - 20°C
- Relative density (water = 1): 0,83 - 0,87
- Viscosity: gel
- Water solubility: immiscible.
- Fat solubility: Not applicable.
- Solvent solubility: No data available.

10. STABILITY AND REACTIVITY

Stability:

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

Hazardous decomposition products:

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

11. TOXICOLOGICAL INFORMATION

General information(s):

There is no data available on the product itself.

Acute toxicity

- Inhalation: Not applicable.
- Skin contact: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

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- Eyes contact: Not applicable.
- 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: Ecological problems are not known or expected under normal use.
- Other adverse effects

13. DISPOSAL CONSIDERATIONS

- Waste / unused products: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.
- 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: The product does not need to be labelled in accordance with EEC directives on classification, packaging and labelling of dangerous substances
- EEC number: Not applicable.
- Symbol(s): None according to EC directives.
- R-phrase(s): None according to EC directives.
- S-phrase(s): None according to EC directives.

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: Solid release wax for architectural concrete
- 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.
- Other data: Text of R phrases listed in section 2:
Harmful in contact with skin and if swallowed.
Causes burns.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- First edition date: 25/02/1999
 - Previous revision date: 30/09/2003
 - Review date: 22/10/2004
 - Version: 3
 - Review chapter(s) n°: 1