

# SAFETY DATA SHEET

## Pieri Cire E-31

Version: 5

Review date: 21/10/2004

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

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

Product name: Pieri Cire E-31  
Uses or/and applications: Liquid release wax for architectural concrete  
Product code nr: Pieri Cire E-31  
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 E-31  
Component(s) contributing to the hazard: • Petroleum Distillates PE 41°C - 3.5 - CAS no: .64742-48-9 - EC no: 265-150-3  
Conc. wt.(%): 60 < C <= 70 - Symbol(s): Xn - R: 10-65-66

### 3. HAZARDS IDENTIFICATION

Most important hazards: Flammable.  
Toxic  
Specific hazards: Repeated and prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product.

### 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: Move to fresh air.  
Skin contact: Take off immediately all contaminated clothing.  
Wash off with soap and plenty of water.  
If skin irritation persists, take medical advice.  
Eye contact: Wash with plenty of water.  
Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: foam, powder, carbon dioxide (CO<sub>2</sub>)  
Extinguishing media which must NOT be used for safety reasons: Do not use water jet.  
Specific method(s): Cool containers / tanks with spray water if possible.  
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.  
Remove all sources of ignition.  
Be careful to flashback of fire.  
Ensure adequate ventilation.  
Environmental precaution(s): Dike and contain spill.  
Method(s) for cleaning up: Scoop spilled material, and gather remainder carefully.  
Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).

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Shovel into suitable and closed container for disposal.  
Dispose as hazardous waste.

## 7. HANDLING AND STORAGE

### Handling

- Precaution(s): Do not eat, drink and do not smoke in areas where product is used.  
Wear self-contained breathing apparatus and protective suit (see item 8 ).
- Technical condition(s): Explosion-free electrical equipment and lighting with earth.  
Avoid static electricity discharges.  
Ventilation along floor.
- Safe handling advice(s): Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.  
Opened containers must be carefully closed and kept upright to avoid leakage.

### Storage

- Precaution(s): Keep away from open flames, hot surfaces and sources of ignition.
- Technical condition(s): Not flammable and waterproof underground retention basin.
- Storage condition(s): Keep away from sources of ignition - No smoking.  
Store in a well-ventilated place.  
Store away from direct sunlight or other heat sources.
- Separation of incompatible product(s): Keep away from:  
strong acids, strong bases, oxidising compounds.
- Packaging / tank material: stainless steel, mild steel.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s): Ensure adequate ventilation, especially in confined areas.

### Control parameter(s):

- Exposure limit(s):  
Petroleum distillats :  
Long term (8 hours) = 1500 mg/m<sup>3</sup>  
Short term (15 minutes) = 500 mg/m<sup>3</sup>  
Germany: MAK : 200 mg/m<sup>3</sup>

### Personal protection equipment:

- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A )
- Hand protection: PVC or other plastic material or natural rubber gloves
- Skin and body protection: solvent-resistant apron and boots
- Eye protection: Wear eye/face protection

Hygiene measure(s): Do not eat, drink, or smoke during work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

- Physical state / form: liquid
- Colour: yellow
- Odour: characteristic

### Important health, safety and environmental information

- pH: Not applicable.
- Boiling point/range: 150°C
- Melting point/range: < -30°C
- Flash point: 37°C
- Auto-ignition temperature: > 200°C
- Decomposition temperature: > 200°C

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- Explosion limits:	1 - 6 %Vol in air
- Vapour pressure:	1,9 kPa - 38°C
- Relative density (water = 1):	0,78 +/-0,02
- Viscosity:	< 7* cSt Coupe ISO N°3 à 40°C
- Water solubility:	immiscible
- Fat solubility:	Not applicable.
- Solvent solubility:	completely miscible

### 10. STABILITY AND REACTIVITY

Stability:	Stable in use and storage conditions as recommended in item 7.
Condition(s) to avoid:	NO contact with: strong oxidants.
Hazardous decomposition products:	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity	
- Inhalation:	Symptoms of overexposure may be Irritating to the respiratory system, may cause throat pain and cough.
- Skin contact:	Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
- Eyes contact:	mild eye irritation (pain, redness)
- Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Susceptible to induce: oedema of the lungs, heavy breathing difficulty, dizziness.

### 12. ECOLOGICAL INFORMATION

Persistence and degradability:	Readily biodegradable, according to appropriate OECD test.
Environmental toxicity:	May be dangerous for environment.
- Toxicity to fish:	LC50/96h/goldfish = > 100 mg/L
Other adverse effects	

### 13. DISPOSAL CONSIDERATIONS

Waste / unused products:	Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not dispose of waste into sewer.
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):	Transport followed ADR, IMDG, IATA
UN N°:	1268
Land (Road / Railway: ADR/RID)	
- proper shipping name:	Petroleum products, n.o.s., White spirit
- class:	30
- Packing group:	III
- ADR/RID-Labels:	3
Sea (IMDG)	
- proper shipping name:	Petroleum products, n.o.s., White spirit
- IMO class:	3
- Packaging group:	III
Air (ICAO/IATA)	

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- proper shipping name: Petroleum products, n.o.s., White spirit  
- ICAO/IATA class: 1268  
- ICAO/IATA-Labels: 3

### 15. REGULATORY INFORMATION

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

EEC number: Not applicable.

Symbol(s): Xn - Harmful

R-phrases(s): 10 Flammable.  
65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking

S-phrase(s): 13 Keep away from food, drink and animal feedingstuffs.  
43 In case of fire, use earth, sand, dry chemical powder or foam  
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 16. OTHER INFORMATION

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

Important remarks: Information in this safety data sheet is based on actual knowledge in our possession and our experience.  
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.  
As the specific conditions of use of the product are outside the supplier's control, It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.

Uses or/and applications: Liquid release wax for architectural concrete

Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).

Other data: Text of R phrases listed in section 2:  
Flammable.  
Harmful: may cause lung damage if swallowed.  
Repeated exposure may cause skin dryness or cracking

History

- First edition date: 06/06/2000

- Previous revision date: 30/09/2003

- Review date: 21/10/2004

- Version: 5

- Review chapter(s) n°: 1