

# Safety Data Sheet

## according to 1907/2006/EC, Article 31

Printing date 24.09.2007

Revision: 02.08.2006

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

- **Product details**

- **Trade name:** TILCAPUR PU - cleaner
- **Application of the substance / the preparation** Cleaner for fresh PU foam and gun

- **Manufacturer/Supplier:**

Egli, Fischer & Co. AG, Gotthardstrasse 6, Postfach, CH – 8022 Zürich

- **Further information obtainable from:**

Phone +41 44 209 82 22

Fax +41 44 201 68 46

- **Information in case of emergency:** Phone +41 44 251 51 51 Swiss toxicological centre of information (24h)

### 2 Hazards identification

- **Hazard description:**

Xi Irritant

F+ Extremely flammable

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

Has a narcotizing effect.

R 12 Extremely flammable.

R 36 Irritating to eyes.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|                                      |                            |  |        |
|--------------------------------------|----------------------------|--|--------|
| CAS: 67-64-1<br>EINECS: 200-662-2    | acetone                    |  Xi,  F; R 11-36-66-67 | 80-85% |
| CAS: 68476-85-7<br>EINECS: 270-704-2 | Petroleum gases, liquefied |  F+; R 12   | 15-20% |

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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### 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Call for a doctor immediately.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
Foam
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** Mouth respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Ensure adequate ventilation  
Keep away from ignition sources.  
Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**  
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **Measures for cleaning/collecting:**  
Ensure adequate ventilation.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.

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- Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:**
  - Do not store together with alkalis (caustic solutions).
  - Do not store together with oxidizing and acidic materials.
- **Further information about storage conditions:**
  - Keep container tightly sealed.
  - Store in cool, dry conditions in well sealed receptacles.
  - Protect from heat and direct sunlight.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**  
No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

#### 67-64-1 acetone

|     |   |
|-----|---|
| WEL | Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm |
|     | Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm   |

#### 68476-85-7 Petroleum gases, liquefied

|     |   |
|-----|---|
| WEL | Short-term value: 2180 mg/m <sup>3</sup> , 1250 ppm |
|     | Long-term value: 1750 mg/m <sup>3</sup> , 1000 ppm  |

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Do not inhale gases / fumes / aerosols.
  - Avoid contact with the eyes.
  - Avoid contact with the eyes and skin.
- **Respiratory protection:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  - Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

#### · General Information

|                |                |
|----------------|----------------|
| <b>Form:</b>   | Aerosol        |
| <b>Colour:</b> | Colourless     |
| <b>Odour:</b>  | Characteristic |

#### · Change in condition

|                                     |               |
|-------------------------------------|---------------|
| <b>Melting point/Melting range:</b> | Undetermined. |
| <b>Boiling point/Boiling range:</b> | 55°C          |

· **Flash point:** -19°C

· **Ignition temperature:** 465°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Heating may cause an explosion.

#### · Explosion limits:

|               |            |
|---------------|------------|
| <b>Lower:</b> | 2.6 Vol %  |
| <b>Upper:</b> | 13.0 Vol % |

· **Vapour pressure at 20°C:** 233 hPa

· **Density at 20°C:** 0.79 kg/cm<sup>3</sup>

#### · Solubility in / Miscibility with

**water:** Soluble.

#### · Solvent content:

**VOC (EC)** 100 %

### 10 Stability and reactivity

#### · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

#### · Dangerous decomposition products:

No dangerous decomposition products known.

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### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

**67-64-1 acetone**

|        |      |                      |
|--------|------|----------------------|
| Oral   | LD50 | 5800 mg/kg (rat)     |
| Dermal | LD50 | 20000 mg/kg (rabbit) |

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

### 12 Ecological information

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 2 5F Gases.
- **UN-Number:** 1950
- **Packaging group:** -
- **Hazard label:** 2.1
- **Description of goods:** 1950 AEROSOLS

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 · **Remarks:** LQ:2

 · **Maritime transport IMDG:**

 · **IMDG Class:** 2.1  
 · **UN Number:** 1950  
 · **Label** 2.1  
 · **Packaging group:** -  
 · **EMS Number:** F-D,S-U  
 · **Marine pollutant:** No  
 · **Proper shipping name:** AEROSOLS

 · **Air transport ICAO-TI and IATA-DGR:**

 · **ICAO/IATA Class:** 2.1  
 · **UN/ID Number:** 1950  
 · **Label** 2.1  
 · **Packaging group:** -  
 · **Proper shipping name:** AEROSOLS, flammable

### 15 Regulatory information

 · **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

 · **Code letter and hazard designation of product:**

 Xi Irritant  
 F+ Extremely flammable

 · **Risk phrases:**

 12 Extremely flammable.  
 36 Irritating to eyes.  
 66 Repeated exposure may cause skin dryness or cracking.  
 67 Vapours may cause drowsiness and dizziness.

 · **Safety phrases:**

 2 Keep out of the reach of children.  
 23 Do not breathe gas  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 37/39 Wear suitable gloves and eye/face protection.  
 46 If swallowed, seek medical advice immediately and show this container or label.

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51 Use only in well-ventilated areas.

**· Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant R-phrases**

11 Highly flammable.

12 Extremely flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

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