

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing Date: 01.07.2019

Version Number: 1.0

Revision Date: 01.07.2019

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier:

Trade name: *Pieri Decagel*

### 1.2 Relevant identified uses of the substance or mixture, and uses advised against:

Relevant identified uses of the substance or mixture: Construction Chemical.

Identified uses advised against: No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet:

#### Manufacturer/supplier:

GCP Produits de Construction SAS  
ZA des Foulletons  
39140 Larnaud

Tel : +(33) 3 84 48 48 60

Fax : +(33) 3 84 48 48 61

[www.gcpat.com](http://www.gcpat.com)

Further information obtainable from: [msds.gcp@gcpat.com](mailto:msds.gcp@gcpat.com)

### 1.4 Emergency telephone number:

For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:-

Within USA & Canada : 800-424-9300

Outside USA & Canada : +1 703-741-5970

National emergency telephone number: CHEMTREC Turkey +(90)-212-7055340

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

STOT SE 3 H335 May cause respiratory irritation.

### 2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS05 GHS07

Signal word Danger

#### Hazard-determining components of labelling:

Hydrochloric acid

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**Hazard statements**

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

**Hazard description:** Corrosive**2.3 Other hazards:** May cause burns to gastrointestinal tract.**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

**3.2 Chemical characterization: Mixture:****Dangerous components:**

CAS: 7647-01-0 EINECS: 231-595-7 Index number: 017-002-00-2	Hydrochloric acid	Skin Corr. 1B, H314 STOT SE 3, H335	10-<20%
CAS: 5949-29-1 EINECS: 201-069-1	Citric acid monohydrate	Eye Irrit. 2, H319	10-<20%

## SECTION 4: First aid measures

**4.1 Description of first aid measures:****General information:** Get medical advice/attention if you feel unwell.**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.**After skin contact:** Wash with plenty of soap and water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed:** Causes burns.**4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media:****Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

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**5.2 Special hazards arising from the substance or mixture:**

During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Use respiratory protective device against the effects of fumes/dust/aerosol.

**6.2 Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

Use neutralising agent.

Send for recovery or disposal in suitable receptacles (plastic).

Dispose contaminated material as waste according to Section 13.

Clean the affected area carefully; suitable cleaners are:

Water.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling:**

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:**

**STORAGE**

**Information about storage in one common storage facility:**

Store away from oxidising agents.

Keep respiratory protective device available.

Do not store together with alkalis (caustic solutions).

**Further information about storage conditions:**

Protect from frost.

Store in a dry place.

Keep cool.

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7.3 Specific end use(s): No further relevant information available.

## SECTION 8: Exposure controls/personal protection

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

### 8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

7647-01-0 Hydrochloric acid

MMSD (TR)	Short-term value: 15 mg/m <sup>3</sup> , 10 ppm Long-term value: 8 mg/m <sup>3</sup> , 5 ppm
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Additional information: Based on the lists valid at the date of SDS creation.

### 8.2 Exposure controls:

#### PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

#### Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).  
EN 143.

#### Protection of hands:

Protective gloves.  
EN 374.

#### Material of gloves:

PVC, rubber or neoprene gloves.

Nitrile rubber.

#### Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:



Safety glasses with side shield protection.

EN 166.

#### Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

#### GENERAL INFORMATION

##### Appearance:

Form:	Paste.
Colour:	Green.

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<b>Odour:</b>	Characteristic.
<b>Odour threshold:</b>	Not determined.
<b>pH-value (~) at 20 °C:</b>	1
<b>Change in conditions:-</b>	
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	100 °C
<b>Flash point:</b>	>100 °C
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Ignition temperature:</b>	>370 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>EXPLOSION LIMITS</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>VOC Content:</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	20 hPa
<b>Density at 20 °C:</b>	1.2 g/cm <sup>3</sup>
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in/Miscibility with:-</b>	
<b>Water:</b>	Fully miscible. Not determined.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>VISCOSITY</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Molecular weight</b>	Not applicable.
<b>9.2 Other information:</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Stable under normal conditions.  
No further relevant information available.

### 10.2 Chemical stability:

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

Reacts with acids, alkalis and oxidising agents.

Reacts with alkaline metals.

Reacts with metals forming hydrogen.

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

### 10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide.

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Hydrogen chloride (HCl).

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

**ACUTE TOXICITY** Based on available data, the classification criteria are not met.

**Primary irritant effect**

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Additional toxicological information:** May cause burns to gastrointestinal tract.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity:

**AQUATIC TOXICITY** No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.

**12.3 Bioaccumulative potential:** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

### ADDITIONAL ECOLOGICAL INFORMATION

#### General notes:

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

### 12.5 Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods:

#### Recommendation:



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

#### European waste catalogue:

06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 02*	hydrochloric acid

#### UNCLEANED PACKAGING

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

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

### 14.1 UN-Number

ADR, IMDG, IATA

UN1789

### 14.2 UN proper shipping name

ADR, IMDG, IATA

HYDROCHLORIC ACID mixture

### 14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class  
Label

8 Corrosive substances.  
8

### 14.4 Packing group

ADR, IMDG, IATA

II

### 14.5 Environmental hazards:

Not applicable.

### 14.6 Special precautions for user:

Danger code (Kemler):

Warning: Corrosive substances.

EMS Number:

80

Segregation groups

F-A,S-B

Stowage Category

Acids

E

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Regulated

#### Transport/Additional information:

ADR

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Transport category

2

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Tunnel restriction code

E

**IMDG****Limited quantities (LQ)****Excepted quantities (EQ)**

1L

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

See Section 2 for hazard identification.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.
**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 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 phrases:**

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Department issuing SDS:**

GCP Produits de Construction SAS

ZA des Foulletons,

39140 Larnaud

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