

# Piccomat FS

Version number: 5.0  
Issued: 2023-03-23  
Replaces SDS: 2019-08-20

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

### 1.1. Product identifier Prod nr: 21072, 21094

**Trade name**

Piccomat FS

**UFI code**

G3WW-C80V-WK1A-7EVC

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

**Relevant identified uses**

Vending machine cleaner for professional users.

**Not suitable for use in**

All other uses are discouraged.

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

**Supplier**

Premiere Produkter AS

Austbøsletta 6

4085 Hundvåg

Norway

+47 51 85 83 00

post@premiere-produkter.no

www.premiere-produkter.no

### 1.4. Emergency telephone number

Poison central tlf: (+47) 22 59 13 00

**Available outside office hours** Yes

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### **Classification**

Skin corrosion, hazard category 1A  
Serious eye damage, hazard category 1

#### **Hazard statements**

H314

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### **Hazard pictograms**



#### **Signal word**

Danger

#### **Hazard statements**

H314 Causes severe skin burns and eye damage.

#### **Precautionary statements**

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].  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P310 Immediately call a POISON CENTER/doctor.  
P405 Store locked up.

#### **More information**

Hazard components for labeling:  
sodium hydroxide  
potassium hydroxide

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
sodium hydroxide	1310-73-2 215-185-5 01-2119457892-27-xxxx 011-002-00-6	10 - 20%	Skin Corr. 1A	H314 - -	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %;
potassium hydroxide	1310-58-3 215-181-3 01-2119487136-33-xxxx 019-002-00-8	1 - 5%	Skin Corr. 1A, Acute Tox. 4 - oral	H302, H314 - -	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %;
1-hydroxyethane-1,1-diphosphonic acid	2809-21-4 220-552-8 - -	1 - 5%	Met. Corr. 1, Eye Dam. 1	H290, H318 - -	-

#### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **Description of first aid measures**

First responders: Pay attention to self-protection.

#### **Inhalation**

Take the victim into fresh air. If symptoms persist, call a physician.

#### **Skin contact**

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. If skin irritation persists, call a physician.

#### **Eye contact**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

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## **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Get medical attention immediately.

## **Information for doctors**

For specialist advice physicians should contact the Poisons Information Service.

## **4.2. Most important symptoms and effects, both acute and delayed**

Immediate effects can be expected after long-term exposure.

## **Inhalation**

Irritation and / or corrosion of the respiratory tract. Shortness of breath.

## **Skin contact**

Causes severe skin burns. Blistering.

## **Eye contact**

Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea.

## **Ingestion**

Ingestion of aqueous solution causes gastrointestinal burns.

## **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water spray, dry powder, foam, carbon dioxide (CO<sub>2</sub>)

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

### **5.2. Special hazards arising from the substance or mixture**

Corrosive

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

#### **Measures in case of fire**

Keep containers and surroundings cool with water spray.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation.

### 6.2. Environmental precautions

Try to prevent the material from entering drains or water courses.  
Local authorities should be advised if significant spillages cannot be contained.

### 6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable and closed containers for disposal.

### 6.4. Reference to other sections

For information on storage and handling see section 7.  
For personal protection see section 8.  
For information on incompatible materials, see Section 10.  
For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Preventive handling precautions**

Avoid direct contact with the material / product. Ensure adequate ventilation, especially in confined areas. Wear personal protective equipment.

#### **General hygiene**

Wash hands after handling.  
When using, do not eat, drink or smoke.  
Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Keep away from food, drink and animal feeding stuffs.  
Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 8B (non-flammable, corrosive hazardous substances)

Suitable container and packaging materials for safe storage  
Unsuitable materials for containers aluminium

Storage temperature: 10°C to 40°C

### 7.3. Specific end use(s)

See section 1.2: Vending machine cleaner  
GISCODE: GG70

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
potassium hydroxide (1310-58-3/215-181-3)	DNEL	Chronic (long term) Inhalation	1 mg/kg	Workers	Local
sodium hydroxide (1310-73-2/215-185-5)	DNEL	Chronic (long term) Inhalation	1 mg/m <sup>3</sup>	Workers	Local

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Eye / face protection

Safety glasses with side-shields conforming to EN166

#### Hand protection

Wear chemical-resistant disposable protective gloves according to EN 374.

Suitable material: Butyl (butyl rubber) or NBR (nitrile rubber), category III according to EN 374.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

#### Other skin protection

Not required.

#### Respiratory protection

No personal respiratory protective equipment normally required.

#### Thermal hazards

Not applicable

#### Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

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## Odour

Product specific

## Odour threshold

Not applicable.

## Melting point / freezing point

Not determined for the mixture.

## Boiling point or initial boiling point and boiling range

Not determined for the mixture.

## Flammability

Not applicable.

## Lower and upper explosion limit

The product / mixture has no explosive properties.

## Flash point

No data available

## Auto-ignition temperature

Not applicable.

## Decomposition temperature

Not applicable

## pH

> 13

## Kinematic viscosity

Not determined for the mixture.

## Viscosity, dynamic

Not determined for the mixture.

## Solubility

Not determined for the mixture.

## Water solubility

miscible

## Partition coefficient n-octanol/water

Not available

## Vapour pressure

Not available

## Density and/or relative density

1.24 g/cm<sup>3</sup>

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## Relative vapour density

Not applicable.

## Evaporation Rate

Not determined for the mixture.

## Explosive properties

Not explosive

## Oxidising properties

The product / mixture has no oxidizing properties.

## VOC %

< 3 %

## Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable at normal conditions

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

### 10.5. Incompatible materials

strong acids , Corrodes base metals.

### 10.6. Hazardous decomposition products

Release of hydrogen (H<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Causes severe skin burns and eye damage.



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## **Acute toxicity**

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Remarks
potassium hydroxide 1310-58-3 / 215-181-3	LD50	333-388 mg/kg	Oral	rat	ECHA
1-hydroxyethane-1,1-diphosphonic acid 2809-21-4 / 220-552-8	LD50	1878 mg/kg	Oral	rat	-

## **Skin corrosion/irritation**

Causes severe skin burns.

## **Serious eye damage/irritation**

Causes serious eye damage.

## **Respiratory or skin sensitisation**

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

## **Germ cell mutagenicity**

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

## **Genotoxicity**

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

## **Mutagenicity**

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

## **Carcinogenicity**

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

## **Repeated dose toxicity**

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

## **Reproductive toxicity**

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

## **STOT-single exposure**

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

## **STOT-repeated exposure**

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

## **Aspiration hazard**

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

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## 11.2. Information on other hazards

### Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

### Other information

There is no data available for this product.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Toxicity

No data is available on the product itself.  
 Toxicology data for the components.

#### Soil

Not available

#### Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
1-hydroxyethane-1,1-diphosphonic acid 2809-21-4 / 220-552-8	LC50	368 mg/l	96 h	Rainbow trout
1-hydroxyethane-1,1-diphosphonic acid 2809-21-4 / 220-552-8	LC50	868 mg/l	96 h	Lepomis macrochirus

#### Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
1-hydroxyethane-1,1-diphosphonic acid 2809-21-4 / 220-552-8	EC50	7,2 mg/l	96 h	algae

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## Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Remark
sodium hydroxide 1310-73-2 / 215-185-5	EC50	40,4 mg/l	48 h	Ceriodaphnia dubia (Wasserfloh)	ECHA
1-hydroxyethane-1,1-diphosphonic acid 2809-21-4 / 220-552-8	EC50	527 mg/l	48h	Daphnia magna (Water flea)	-

## 12.2. Persistence and degradability

### Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

No information is available for this item.

## 12.4. Mobility in soil

### Mobility

No information is available for this item.

## 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## 12.7. Other adverse effects

### Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

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## ***Packaging***

Empty containers should be taken for local recycling, recovery or waste disposal.

Do not re-use empty containers.

Contaminated packaging: Dispose of as unused product.

Waste code	Description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

UN1824

### 14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

### ***IMDG proper shipping name***

Sodium hydroxide solution

### 14.3. Transport hazard class(es)

#### ***Label***



8

#### ***ADR / RID Class***

8

#### ***ADR / RID Classification code***

C5

#### ***ADR / RID hazard identification number***

80

#### ***IMDG Class***

8

#### ***IATA Class***

8

#### ***ADN Class***

8

#### ***ADN Class Code***

C5

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## 14.4. Packing group

II

## 14.5. Environmental hazards

### Environmental hazards

No

### IMDG Marine Pollutant

No

## 14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## Other

### Additional information ADR-RID

LQ: 1 L

EQ: E2

Transport category (tunnel restriction code) : 2(E)

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## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)  
Ingredients according to Annex VII: <5% polycarboxylates, phosphonates.

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)  
Substances subject to authorization according to Annex XIV: No  
Substance restrictions according to Annex XVII: No  
Substances on the REACH candidate list (SVHC): No

Regulation (EU) No. 528/2012 (BPR)  
Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)  
Restricted raw material according to Annex I: not applicable  
Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)  
Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)  
Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)  
Seveso hazard category: not applicable

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

#### Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

#### Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

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## **Abbreviations**

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 ADR - Accord relatif au transport international des marchandises Dangereuses par Route  
 CAS - Chemical Abstract Service  
 CLP - Classification, Labelling and Packaging  
 DMEL - Derived Minimum Effect Level  
 DNEL - Derived no effect level  
 EC50 - Half maximal effective concentration 50%  
 GHS - Globally Harmonised System  
 IATA - International Air Transport Association  
 IMDG - International Maritime Dangerous Goods  
 LC50 - Lethal concentration 50%  
 LD50 - Lethal dosis 50 %  
 MARPOL - International Convention for the Prevention of Pollution from Ships  
 PBT - Persistent, bioaccumulative and toxic substance  
 PEC - Predicted Environmental Concentration  
 PNEC - predicted no effect concentration  
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses  
 SVHC - Substance of very high concern  
 vPvB - Very persistent, very bioaccumulative substance

## **References to key literature and data sources**

REACH registration dossiers  
 ECHA C&L - Inventory  
 Safety data sheets from raw material suppliers

## **Evaluation methods for classification**

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:  
 Health hazards: calculation method

## **Phrase meaning**

Skin Corr. 1A - Skin corrosion, hazard category 1A  
 Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
 Met. Corr. 1 - Corrosive to metals, hazard category 1  
 Eye Dam. 1 - Serious eye damage, hazard category 1  
 H290 May be corrosive to metals.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.

## **Other**

### **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

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## **Manufacturer's notes**

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.