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

#### 1.1. Product identifier

#### Trade name

Spontan Super

#### UFI code

EYKJ-XXQH-SG1Y-Q1J9

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

Sanitary 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 1B 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

P101 If medical advice is needed, have product container or label at hand.

P280 Wear protective gloves/eye protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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.

P310 Immediately call a POISON CENTER/doctor.

#### **More information**

Hazard components for labeling: Phosphoric acid

#### 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
phosphoric acid	7664-38-2 231-633-2 01-2119485924- 24-xxxx 015-011-00-6	15 - 30%	Skin Corr. 1B	H314 - -	Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 %; B
alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984- 16-xxxx	1 - 5%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3		-
citric acid	77-92-9 201-069-1 01-2119457026- 42-xxxx	1 - 5%	Eye Irrit. 2	H319 - -	-

#### 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

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately.

## Skin contact

In case of contact, immediately flush skin with soap and plenty of water. Call a physician immediately.

#### 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.

#### **Ingestion**

Do not induce vomiting. Drink water. Call physician immediately.

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#### **Information for doctors**

Show this safety data sheet to the doctor in attendance.

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

Irritation and / or corrosion of the respiratory tract

#### Skin contact

Causes severe burns.

#### Eye contact

Causes serious eye damage. May cause blindness.

#### **Ingestion**

If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

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

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. water spray, extinguishing powder, foam or carbon dioxide.

#### 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

Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

#### Other

#### Other

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

#### **SECTION 6: Accidental release measures**

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

Wear personal protective equipment. Ensure adequate ventilation, especially in confined areas. Evacuate unaffected personnel from the spill area.

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### 6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, 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**

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

#### General hygiene

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

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

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)

Store in original container.

Storage temperature: 10°C to 40°C

#### 7.3. Specific end use(s)

GISCODE: GS80

See section 1.2: Sanitary cleaner

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## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m³	Short-term exposure limit ppm / mg/m³	Source	Remark	Year
phosphoric acid (EU)	7664-38-2 231-633-2	1	- 2	-	_	-

## **DNEL/DMEL**

Product/Substance name (CAS No./EC No.)	Туре	Exposure	Value	Population	Effects
phosphoric acid (7664-38-2/231-633-2)	DNEL	Acute (short term) Inhalation	2 mg/m³	Workers	Local
phosphoric acid (7664-38-2/231-633-2)	DNEL	Chronic (long term) Inhalation	1 mg/m³	Workers	Local
phosphoric acid (7664-38-2/231-633-2)	DNEL	Chronic (long term) Inhalation	10.7 mg/m³	Workers	Systemic
phosphoric acid (7664-38-2/231-633-2)	DNEL	Chronic (long term) Inhalation	0.36 mg/m³	Consumers	Local
phosphoric acid (7664-38-2/231-633-2)	DNEL	Chronic (long term) Inhalation	4.57 mg/m³	Consumers	Systemic
phosphoric acid (7664-38-2/231-633-2)	DNEL	Chronic (long term) Dermal	0.1 mg/kg	Consumers	Systemic

## PNEC/PEC

Product/Substance name (CAS No./EC No.)	Туре	Environmental compartment	Value
citric acid (77-92-9/201-069-1)	PNEC	Marine water	0.044 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sewage Treatment Plant	1000 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sediment (marine water)	3.46 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Soil	33.1 mg/kg

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#### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Eye / face protection

Chemical-resistant safety glasses with side protection (EN 166)

#### 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. The break through time depends amongst other things from the material, the thickness and the type of glove and therefore has to be measured for each case. The exact break through time can be obtained from the protective glove producer and this has to be observed.

#### Other skin protection

long sleeved clothing

## Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

#### Thermal hazards

Not applicable

### **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

## Physical state

Liquid

#### Colour

Red

## <u>Odour</u>

fresh scent

#### Odour threshold

Not determined for the mixture.

## Melting point / freezing point

Not determined for the mixture.

## Boiling point or initial boiling point and boiling range

Not determined for the mixture.

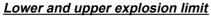
## **Flammability**

Not applicable.

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Not applicable.

## Flash point

No data available

#### **Auto-ignition temperature**

Not determined for the mixture.

#### **Decomposition temperature**

Not determined for the mixture.

#### pН

1.8 - 2.2

#### Method

1 % aqueous solution

### Kinematic viscosity

Not determined for the mixture.

#### Viscosity, dynamic

Not determined for the mixture.

#### Solubility

Water soluble

#### Water solubility

Miscibility

## Partition coefficient n-octanol/water

Not determined for the mixture.

#### Vapour pressure

Not determined for the mixture.

## Density and/or relative density

1.122 g/cm<sup>3</sup>

### Relative vapour density

Not determined for the mixture.

## **Evaporation Rate**

Not determined for the mixture.

### Explosive properties

The product / mixture has no explosive properties.

## Oxidising properties

The product / mixture has no oxidizing properties.



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VOC %

< 3 %

#### 9.2. Other information

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

## **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.

Neutralization can generate a lot of heat.

#### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

#### 10.5. Incompatible materials

strong acids and strong bases . oxidizing agents

### 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

By heating or fire toxic gas is liberated.

## **SECTION 11: Toxicological information**

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

Toxicology data for the components

## **Acute toxicity**

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline	Remarks
phosphoric acid 7664-38-2 / 231-633-2	LC50	850 mg/l	Inhalative	2h	rat	-	-
phosphoric acid	LD50	2740 mg/kg	Dermal	-	rabbit	-	-

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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline	Remarks
7664-38-2 / 231-633-2							
phosphoric acid 7664-38-2 / 231-633-2	LD50	>500-2.000 mg/kg	Oral	-	rat	OECD 423	-
Alcohols, C12- 14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	-	rat	-	-
citric acid 77-92-9 / 201- 069-1	LD50	5.400 mg/kg	Oral	-	mouse	OECD 401	ECHA
citric acid 77-92-9 / 201- 069-1	LD50	>2.000 mg/kg	Dermal	-	rat	OECD 402	ECHA

## Skin corrosion/irritation

Skin corrosion, hazard category 1B

#### Serious eye damage/irritation

Serious eye damage, hazard category 1

## Germ cell mutagenicity

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.

#### 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.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

## Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
phosphoric acid 7664-38-2 / 231- 633-2	LC50	98-106 mg/l	96h	Lepomis macrochirus	-	-
citric acid 77-92-9 / 201- 069-1	LC50	440 mg/l	48 h	Golden orfe	OECD 203	ECHA

## Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Endpoint of the test	Species
phosphoric acid 7664-38-2 / 231- 633-2	EC50	>100 mg/l	72h	Growth rate	algae

## Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
phosphoric acid 7664-38-2 / 231- 633-2	EC50	>100 mg/l	48h	Daphnia magna (Water flea)	OECD 202	-
citric acid 77-92-9 / 201- 069-1	LC50	1.535 mg/l	24 h	Daphnia magna (Water flea)	-	ECHA

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#### Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
phosphoric acid 7664-38-2 / 231- 633-2	EC50	>100 mg/l	3h	Activated sludge	OECD 209

## 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.

#### **Decay/transformation**

No information available

### 12.3. Bioaccumulative potential

No data available

## 12.4. Mobility in soil

## **Mobility**

No information available

### 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.

## **Packaging**

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging: Dispose of as unused product.

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Waste code	Description
06 01 04*	phosphoric and phosphorous acid

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

## **SECTION 14: Transport information**

#### 14.1. UN number

UN 1805

## 14.2. UN proper shipping name

PHOSPHORIC ACID, SOLUTION

## IMDG proper shipping name

PHOSPHORIC ACID, SOLUTION

## 14.3. Transport hazard class(es)

#### Label



8

## ADR / RID Class

8

## ADR / RID Classification code

C1

## ADR / RID hazard identification number

80

## **IMDG Class**

8

## IATA Class

8

## **ADN Class**

8

## **ADN Class Code**

C<sub>1</sub>

## 14.4. Packing group

Ш

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## 14.5. Environmental hazards

## **Environmental hazards**

-

## 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: 5 Liter

EQ: E1

Transport category (tunnel restriction code): 3 (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% non-ionic surfactants. Contains: perfumes, ALPHA-ISOMETHYL-IONONE.

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

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. 1B - Skin corrosion, hazard category 1B

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Eye Irrit. 2 - Eye irritation, hazard category 2

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

## 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.