

### SAFETY DATA SHEET

# WeClean Pro SmartCleaner CALC

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

### 1.1. Product identifier

Trade name

WeClean Pro SmartCleaner CALC

Unique formula identifier (UFI)

9000-A0PG-V001-2DPP

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

Relevant identified uses of the substance or mixture

PC35 Washing and cleaning products

## Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC10	Roller application or brushing
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems
Uses advised against	
Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC10	Roller application or brushing
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

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

## Company and address

Stadsing A/S

Østre Fælledvej 13

DK-9400 Nørresundby

Denmark

Tel.: +45 7015 3400

E-mail

info@stadsing.dk

Revision

11/25/2022

SDS Version

1.0

## 1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".



### SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

### 2.2. Label elements

Hazard pictogram(s)



## Signal word

Warning

### Hazard statement(s)

Causes serious eye irritation. (H319)

## Safety statement(s)

General

-

#### Prevention

Wear eye protection/protective gloves/protective clothing. (P280)

#### Response

If eye irritation persists: Get medical advice/attention. (P337+P313)

### Storage

-

# Disposal

-

## Hazardous substances

None known.

### Additional labelling

UFI: 9000-A0PG-V001-2DPP

## 2.3. Other hazards

## Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Citric acid, monohydrate	CAS No.: 5949-29-1 EC No.: 201-069-1 REACH: 01-2119457026-42-xxxx Index No.:	10-15%	Eye Irrit. 2, H319	
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega- hydroxy-, branched	CAS No.: 69011-36-5 EC No.: - REACH: 01-2119976362-32-0001 Index No.:	1-3%	Acute Tox. 4, H302 (ATE: 501.00 mg/kg) Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.05 %)	[19]
2-,Hydroxy,propanoic,acid	CAS No.: 50-21-5 EC No.: 200-018-0 REACH: 17-211942071 5-44-0000 Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 1.00 %)	
sulphuric acid	CAS No.: 7664-93-9 EC No.: 231-639-5 REACH: 01-211945883 8-20-20	1-3%	Met. Corr. 1, H290 Skin Corr. 1A, H314 (SCL: 15.00 %) Skin Irrit. 2, H315 (SCL: 5.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	[1]



Index No.: 016-020-00-8

Diphenyl ether

CAS No.: 101-84-8
EC No.: 202-981-2
REACH: 01-2119472545-33-XXXX
Index No.:

Eye Irrit. 2, H319
Aquatic Acute 1, H400 (M=1)
Aquatic Chronic 1, H410 (M=1)

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

### Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- · Non-ionic surfactants
- · Perfumes

### SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### Eve contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

## Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Not applicable.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

. Sulphur oxides

Carbon oxides (CO / CO2)

## 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact



The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

#### SECTION 6: Accidental release measures

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

No specific requirements.

## 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### Recommended storage material

Always store in containers of the same material as the original container.

### Storage temperature

No specific requirements

### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

## 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

sulphuric acid

Long term exposure limit (8 hours) (mg/m³): 0,05

Short term exposure limit (15 minutes) (mg/m³): 0,1

Annotations:

E = Substance has an EC limit.

Statutory order 1054 on exposure limits for substances and mixtures (28/06/2022)

### **DNEL**

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	93.8 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	263 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	6.53 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	37 mg/m³
Long term – Systemic effects - General population	Oral	2.5 mg/kg bw/day

### sulphuric acid

Duration	Route of exposure	DNEL
Long term – Local effects - Workers	Inhalation	50 μg/m³
Short term – Local effects - Workers	Inhalation	100 μg/m³

### **PNEC**



Route of exposureDuration of ExposurePNECActivated Sludge PlantSingle>10.000 mg/sFreshwater4.36 μg/LFreshwater sediment119.4 μg/kgIntermittent release (freshwater)5.44 μg/L	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched					
Freshwater 4.36 µg/L Freshwater sediment 119.4 µg/kg Intermittent release (freshwater) 5.44 µg/L						
Freshwater sediment 119.4 µg/kg Intermittent release (freshwater) 5.44 µg/L	I					
Intermittent release (freshwater) 5.44 µg/L						
T						
Intermittent release (marine water) 544 ng/L						
Marine water 436 ng/L						
Marine water sediment 11.94 μg/kg						
Sewage treatment plant 4.35 mg/L						
Soil 21.3 μg/kg						

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

## General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### **Exposure limits**

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

## Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

## Measures to avoid environmental exposure

No specific requirements.

## 8.3. Individual protection measures, such as personal protective equipment

## Generally

Type

Use only CE marked protective equipment.

Class

## **Respiratory Equipment**

	No special when used as intended.			
Sk	in protection			
	Recommended	Type/Category	Standards	
	Dedicated work clothing should be worn.	-	-	R

**Standards** 

Colour

### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.38	>120	EN374-2, EN374-3, EN388	

## Eye protection

Туре	Standards	
Wear safety glasses with side shields.	EN166	



## SECTION 9: Physical and chemical properties

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

Physical state

Liquid

Colour

Red

Odour / Odour threshold

Pleasant

pН

0,8

Density (g/cm³)

1.08

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-Ignition (°C)

Testing not relevant or not possible due to the nature of the product.

Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid



None known.

## 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

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

Acute toxicity

Product/substance

Citric acid, monohydrate

Test method

Species Route of exposure

Oral LD50

Test Result

5400 mg/kg ·

Other information

Citric acid, monohydrate

Product/substance Test method

Species

Rat Dermal

Route of exposure Test

LD50

Result

>2000 mg/kg ·

Other information

Product/substance

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Test method

Species

Rat

Route of exposure

Oral LD50

Test Result

500-2000 mg/kg ·

2-, Hydroxy, propanoic, acid

Other information

Product/substance

Test method

**Species** 

Route of exposure Oral

Test

LD50

Result Other information

4875 mg/kg ·

Product/substance

2-, Hydroxy, propanoic, acid

Test method **Species** 

Rat Oral LD50

Route of exposure Test

3730 mg/kg ·

Result Other information

sulphuric acid

Product/substance Test method **Species** 

Rat Oral

Route of exposure Test Result

LD50 2140 mg/kg ·

Other information

Product/substance Test method

sulphuric acid

**Species** 

Rat

Route of exposure Test

Inhalation LC50 0,375 mg/kg ·

Other information

Result

Skin corrosion/irritation



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

## Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### Skin sensitisation

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

### 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

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

### 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.

#### 11.2. Information on other hazards

### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

## Endocrine disrupting properties

None known.

### Other information

sulphuric acid has been classified by IARC as a group 1 carcinogen.

### SECTION 12: Ecological information

a	2			
1	2.1	I. I	OXI	city

Product/substance

Citric acid, monohydrate

Test method Species

Compartment

 Duration
 48 hours

 Test
 LC50

 Result
 440 mg/l

Other information

Product/substance

Citric acid, monohydrate

Test method

Species

Result

Test

Algae

Fish

Compartment Duration Test

8 days NOEC 425 mg/l ·

Other information

Product/substance

Citric acid, monohydrate

Test method Species

Daphnia

Compartment Duration

24 hours LC50 1535 mgL ·

Result Other information

Product/substance

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Test method Species

Fish

Compartment Duration Test

Result

96 hours LC50 1-10 mg/l·



Other information Product/substance Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched Test method **Species** Algae Compartment 72 hours Duration Test EC50 1-10 mg/l · Result Other information Product/substance Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched Test method **Species** Daphnia Compartment Duration 48 hours Test EC50 Result 1-10 mg/l · Other information Product/substance 2-, Hydroxy, propanoic, acid Test method Species Fish Compartment 48 hours Duration Test LC50 320 mg/l · Result Other information Product/substance 2-, Hydroxy, propanoic, acid Test method Species Daphnia Compartment Duration 48 hours Test EC50 Result 240 mg/l · Other information Product/substance 2-,Hydroxy,propanoic,acid Test method Species Fish Compartment No data available. Duration Test EC50 3500 mg/l · Result Other information Product/substance sulphuric acid Test method **Species** Crustacean . Compartment Duration 48 hours Test EC50 > 100 mg/l · Result Other information 12.2. Persistence and degradability Product/substance Citric acid, monohydrate Biodegradable Yes **OECD 301 B** Test method Result 97% Product/substance Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched Biodegradable

WeClean Pro SmartCleaner CALC

Product/substance

Test method Result

**OECD 301 E** 

2-, Hydroxy, propanoic, acid

90%



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Biodegradable Yes
Test method OECD 301 D
Result 88%

Product/substance

sulphuric acid

Biodegradable Test method

Result

Yes

### 12.3. Bioaccumulative potential

Product/substance Citric acid, monohydrate

Test method

Potential bioaccumulation No LogPow -0,2000 BCF 0.5

Other information

Product/substance

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Test method

Potential bioaccumulation No LogPow 2,7700 BCF 98

Other information

Product/substance 2-,Hydroxy,propanoic,acid

Test method

Potential bioaccumulation No LogPow -1,7200

BCF No data available.

Other information

Product/substance sulphuric acid

Test method

Potential bioaccumulation No

LogPow No data available. BCF No data available.

Other information

## 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

### EWC code

20 01 14\* Acids

Waste group H: Waste with low

energy content Specific labelling

Not applicable.

## Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.



## **SECTION 14: Transport information**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

<sup>\*</sup> Packing group

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

### 14.6. Special precautions for user

Not applicable.

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

No data available.

## **SECTION 15: Regulatory information**

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

## Restrictions for application

Restricted to professional users.

### Demands for specific education

No specific requirements.

### SEVESO - Categories / dangerous substances

Not applicable.

# Regulation on drug precursors

sulphuric acid is included (Category 3)

## Regulation on explosives precursors

sulphuric acid (Annex I)

## Product registration number

PR Nr 2209116

### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### Sources

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Council Regulation (EC) No 273/2004 on drug precursors.

Council Regulation (EC) No 2019/1148 on explosives precursors.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

# Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

<sup>\*\*</sup> Environmental hazards



H410, Very toxic to aquatic life with long lasting effects.

#### The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PROC10 = Roller application or brushing

PC35 = Washing and Cleaning Products (including solvent based products)

ERC8a = Wide dispersive indoor use of processing aids in open systems

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of

1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

**UN = United Nations** 

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

### The safety data sheet is validated by

MΑ

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: DK-en