

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

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

· **1.1 Product identifier**

· **Trade name: ECO WC POWER**

· **Article number:** 23230001

· **UFI:** E9A1-D0HC-A00X-U8VM

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

· **Life cycle stages**

PW Widespread use by professional workers

IS Use at industrial Sites

· **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** PC35 Washing and cleaning products (including solvent based products)

· **Technical function** Cleaning agent

· **Application of the substance / the mixture** Toilet-cleaner

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

ZEP ITALIA SRL

Piazzale Luigi Cadorna, 2

20123 Milano (MI) - Italy;

Via Nettunense Km. 25.000

04011 Aprilia (LT) - Italy

T: +39.06.926691

F: +39.06.92747061

@: tecnico@zepeurope.com

Sito: www.zep.it

ZEP Industries BV

Vierlinghweg 30

4612 PN Bergen op Zoom

The Netherlands

Tel: (NL) + 31 164 250 100 (B) + 32 2 347 0117

Fax: (NL) + 31 164 266 710 (B) + 32 2 347 1395

@: info@zepbenelux.com

Distributed in the UK by:

ZEP UK Ltd

Tanhause Lane

Widnes Cheshire, WA8 0RD

United Kingdom

Tel: +44 (0)151 422 1000

Fax: +44 (0)151 422 1011

@: info@zep.co.uk

web: www.zep.co.uk

· **Further information obtainable from:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **1.4 Emergency telephone number:**

NHS +44 0845 46 47 (England or Wales); +44 08454 24 24 24 (Scotland)

emergency number (europe): 112

* **SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**

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

(Contd. on page 2)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 1)

· Hazard pictograms

GHS05

· Signal word Danger**· Hazard-determining components of labelling:**

L-(+)-lactic acid

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

D-Glucopyranose, oligomers, decyl octyl glycosides

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

· Precautionary statements

P264 Wash thoroughly after handling.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

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.

P362+P364 Take off contaminated clothing and wash it before reuse.

· 2.3 Other hazards The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.*** SECTION 3: Composition/information on ingredients****· 3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 5949-29-1 EC number: 691-328-9	citric acid monohydrate Eye Irrit. 2, H319	≥5-<10%
CAS: 79-33-4 EINECS: 201-196-2 Index number: 607-743-00-5	L-(+)-lactic acid Skin Corr. 1C, H314; Eye Dam. 1, H318 EUH071	≥3-<5%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-xxxx	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412	≥2.5-<3%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-xxxx	ethanol Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319; C ≥ 50 %	1-2.5%
CAS: 68515-73-1 NLP: 500-220-1 Reg.nr.: 01-2119488530-36-xxxx	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1, H318	1-2.5%

· Additional information:

Ingredients according to Detergents Regulation 648/2004/EC

Nonionic surfactants	<5%
Perfumes	

· Additional Information: For the wording of the listed hazard phrases refer to section 16.*** SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information:** Immediately remove any clothing soiled by the product.**· After inhalation:** Supply fresh air; consult doctor in case of complaints.

(Contd. on page 3)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 2)

· **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. Then consult a doctor.*· **After swallowing:** *If symptoms persist consult doctor.*· **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*· **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:** *Use fire extinguishing methods suitable to surrounding conditions.*· **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*· **5.3 Advice for firefighters**· **Protective equipment:***Wear self-contained respiratory protective device.**Do not inhale explosion gases or combustion gases.**Wear fully protective suit.***SECTION 6: Accidental release measures**· **6.1 Personal precautions, protective equipment and emergency procedures** *Remove persons from danger area.*· **6.2 Environmental precautions:***Inform respective authorities in case of seepage into water course or sewage system.**Keep contaminated washing water and dispose of appropriately.*· **6.3 Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, universal binders).**Use neutralising agent.**Dispose contaminated material as waste according to item 13.*· **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***Store in cool, dry place in tightly closed receptacles.**Ensure good ventilation/exhaustion at the workplace.*· **Information about fire - and explosion protection:** *No special measures required.*· **7.2 Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:** *Mechanical ventilation is not required for storage*· **Information about storage in one common storage facility:** *Do not store together with acids.*· **Further information about storage conditions:** *Keep receptacle tightly sealed.*· **7.3 Specific end use(s)** *No further relevant information available.***SECTION 8: Exposure controls/personal protection**· **8.1 Control parameters**· **Ingredients with limit values that require monitoring at the workplace:***The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*· **DNELs****CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts**

Dermal	DNEL Long term-local	2,750 mg/kg human/day (WRK)
Inhalative	DNEL Long term-systemic mg/m ³	175 mg/m ³ (WRK)

CAS: 64-17-5 ethanol

Oral	DNEL Long term-systemic	87 mg/kg human/day (consumer)
------	-------------------------	-------------------------------

(Contd. on page 4)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 3)

Dermal	DNEL Long term-systemic	206 mg/kg human/day (consumer) 343 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	114 mg/m ³ (consumer) 950 mg/m ³ (worker)
	DNEL Long term local mg/m ³	950 mg/m ³ (consumer) 1,900 mg/m ³ (worker)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

Oral	DNEL Long term-systemic	35.7 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	357,000 mg/kg human/day (consumer) 595,000 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	124 mg/m ³ (consumer) 420 mg/m ³ (worker)

· PNECs

CAS: 5949-29-1 citric acid monohydrate

PNEC Freshwater mg/L	0.44 mg/L
PNEC Marinewater mg/L	0.044 mg/L
PNEC Freshwater sediment	3.46 mg/Kg
PNEC Marine water sediment	34.6 mg/Kg
PNEC Soil	33.1 mg/Kg
PNEC Sewage treatment Plant mg/L	>1,000 mg/L

CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

PNEC Freshwater mg/L	0.24 mg/L
PNEC Marinewater mg/L	0.024 mg/L
PNEC Freshwater sediment	5.4 mg/Kg
PNEC Marine water sediment	0.54 mg/Kg
PNEC Sewage treatment Plant mg/L	1,000 mg/L

CAS: 64-17-5 ethanol

PNEC Freshwater mg/L	0.96 mg/L (-)
PNEC Marinewater mg/L	0.79 mg/L (-)
PNEC Freshwater sediment	3.6 mg/Kg (-)
PNEC Marine water sediment	2.9 mg/Kg (-)
PNEC Intermittent release	2.75 (-)
PNEC Soil	0.63 mg/Kg (-)
PNEC Sewage treatment Plant mg/L	580 mg/L (-)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

PNEC Freshwater mg/L	0.1 mg/L (-)
PNEC Marinewater mg/L	0.01 mg/L (-)
PNEC Freshwater sediment	0.487 mg/Kg (-)
PNEC Marine water sediment	0.048 mg/Kg (-)
PNEC Intermittent release	270 (-) (mg/L)
PNEC Soil	0.654 mg/Kg (-)
PNEC Sewage treatment Plant mg/L	560 mg/L (-)

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Appropriate engineering controls No further data; see item 7.

· Individual protection measures, such as 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.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

· Hand protection

Protective gloves

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

(Contd. on page 5)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 4)

· 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.

· 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. The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· Not suitable are gloves made of the following materials: Strong material gloves**· Eye/face protection** Tightly sealed goggles**· Body protection:** Protective work clothing**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information**

· Physical state	Fluid
· Colour:	Green
· Odour:	Pine
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	100 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	Not applicable.
· Ignition temperature:	1 °C
· Decomposition temperature:	Not determined.
· pH at 20 °C	2.1
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Insoluble.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density and/or relative density	
· Density at 20 °C:	1.047 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information**· Appearance:****· Form:****· Important information on protection of health and environment, and on safety.****· Auto-ignition temperature:****· Explosive properties:****· Solvent content:****· Organic solvents:****· Swiss VOC:****· Solids content:****· Change in condition****· Evaporation rate**

Viscous

Product is not selfigniting.

Product does not present an explosion hazard.

Not determined.

2.0 %

2.00 %

0.5 %

Not determined.

· Information with regard to physical hazard classes**· Explosives**

Void

Void

· Flammable gases

Void

Void

· Aerosols

Void

Void

(Contd. on page 6)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 5)

· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** 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** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Do not store together with acids.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

CAS: 5949-29-1 citric acid monohydrate

Oral	LD50	5,400 mg/kg (Mouse) 3,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
	LC50 / 24 h	1,535 mg/ltr (Daphnia magna (water flea)) 440 mg/ltr (fish)
	LC50 / 48 h	440 mg/ltr (fish)

CAS: 79-33-4 L-(+)-lactic acid

Oral	LD50	4,875 mg/kg (Mouse) 3,730 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
	LC50 / 48 h	320 mg/ltr (fish)
	EC50	3,500 mg/ltr (Selenastrum capricornutum (Algae))

(Contd. on page 7)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 6)

CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD50	4,100 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 64-17-5 ethanol		
Oral	LD50	7,060 mg/kg (Rat)
Inhalative	LC50 / 4 h	20,000 mg/l (Rat)
CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides		
Dermal	LD50	>2,000 mg/kg (Rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or 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**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 5949-29-1 citric acid monohydrate		
LC50 / 96 h	>400 mg/ltr (Leuciscus idus)	
CAS: 79-33-4 L-(+)-lactic acid		
EC 50 / 48 h	240 mg/ltr (Daphnia magna (water flea))	
CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
LC50 / 96 h	7.1 mg/ltr (fish)	
EC 50 / 48 h	7.4 mg/ltr (Daphnia magna (water flea))	
EC 50 / 72 H	27.7 /mg/l (Selenastrum capricornutum (Algae))	
CAS: 64-17-5 ethanol		
EC 50 / 48 h	10,800 mg/ltr (Daphnia magna (water flea))	

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

- **Other information:** The product is biodegradable.

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

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

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.

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

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.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

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

(Contd. on page 8)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 7)

- **Uncleaned packaging:**
- **Recommendation:** Disposal in accordance with administrative provisions

SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Reg (EC) n. 648/2004 - Detergents
 Reg . (EC) n. 1272/2008 - CLP;
 Reg. (EC) n. 2020/878 annex II of REACH;
 Dir. 06/08 ADR – RID - IMDG - IATA;
 Dir. 12/18 (Seveso III);
 Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)
- Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.
- Hazard pictograms



GHS05

- Signal word Danger
- Hazard-determining components of labelling:

L-(+)-lactic acid
 Alcohols, C12-14, ethoxylated, sulfates, sodium salts
 D-Glucopyranose, oligomers, decyl octyl glycosides
- Hazard statements

H315 Causes skin irritation.
 H318 Causes serious eye damage.
- Precautionary statements

P264 Wash thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 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.
 P362+P364 Take off contaminated clothing and wash it before reuse.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

(Contd. on page 9)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 8)

- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
 - **Annex I - RESTRICTED EXPLOSIVES PRECURSORS** (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.
 - **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.
- **Regulation (EC) No 273/2004 on drug precursors**
None of the ingredients is listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
None of the ingredients is listed.
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %
NK	2.0
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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**
 - H225 Highly flammable liquid and vapour.
 - H314 Causes severe skin burns and eye damage.
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H412 Harmful to aquatic life with long lasting effects.
 - EUH071 Corrosive to the respiratory tract.
- **Classification according to Regulation (EC) No 1272/2008** Calculation method

- **Department issuing SDS:**

Customer Service
 NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
 B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
 IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61
 UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

- **Contact:**

Customer Service
 NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
 B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
 IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61
 UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

- **Date of previous version:** 17.10.2022

- **Version number of previous version:** 2

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

(Contd. on page 10)

EU

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 9)

*WELL: The highest acceptable concentration**IOELV: Indicative occupational exposure limit values**Flam. Liq. 2: Flammable liquids – Category 2**Skin Corr. 1C: Skin corrosion/irritation – Category 1C**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*** Data compared to the previous version altered.*

EU

(Contd. on page 11)

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

Printing date 17.10.2022

Version: 3 (replaces version 2)

Revision: 17.10.2022

Trade name: ECO WC POWER

(Contd. of page 10)

Annex: Exposure scenario

- **Short title of the exposure scenario** For the finished product.
- **Sector of Use SU22** Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category PC35** Washing and cleaning products (including solvent based products)
- **Description of the activities / processes covered in the Exposure Scenario** See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Used amount per time or activity** According to directions for use.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting worker exposure** Avoid contact with eyes.
- **Other operational conditions affecting consumer exposure** No special measures required.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
 - Do not inhale gases / fumes / aerosols.
 - Avoid contact with the eyes.
 - Tightly sealed goggles
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water**
 - No special measures required.
 - Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.
- **Disposal measures**
 - Disposal in accordance with administrative provisions
 - Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

EU