



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

**Date last verification** : 2022-10-12  
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**Version** : 11.0

Indication of changes : §3 - §11.1

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

### 1.1. Product identifier

**Safety Data Sheet** : 26655  
**Product code** : 4222 039 99231  
**Product name:** : PHILIPS QUICK CLEAN POD CARTRIDGE

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

**Relevant identified uses** : Cleaning agent  
**Uses advised against** : No information available.

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

**Supplier** : PHILIPS CONSUMER LIFESTYLE, DRACHTEN  
Oliemolenstraat 5 Tussendiepen 4  
9203 ZN Drachten 9206 AD Drachten  
The Netherlands The Netherlands  
**Telephone** : n.a. n.a.  
**Responsible for the compilation of the SDS on behalf of the supplier/manufacturer** : hazcom@philips.com

### 1.4. Emergency telephone number

**Emergency telephone number (regarding transport of DG)** : +31 (0)497-598315

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

Not classified

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

none

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

**Remarks on labelling** none.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixture

CAS No.	EC No.	REACH No.	Concentration (%)	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL / M-factor / ATE
WATER					
7732-18-5	231-791-2		≥95.0		
2-PHENOXYETHANOL					
122-99-6	204-589-7	01-2119488943-21	<1.0	GHS05 GHS07 H302 Acute Tox. 4 H318 Eye Dam. 1 H335 STOT SE 3	oral: ATE 1394 mg/kg dw
ETHYLHEXYLGLYCERIN					
70445-33-9	408-080-2	01-0000015745-65	<1.0	GHS05 H318 Eye Dam. 1 H412 Aquatic Chronic 3	
GLYCEROL					
56-81-5	200-289-5	01-2119471987-18	<1.0		

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- General information** : When in doubt or if symptoms are observed, get medical advice.
- Following inhalation** : Provide fresh air.
- Following skin contact** : After contact with skin, wash immediately with plenty of water and soap.
- After eye contact** : Rinse immediately carefully and thoroughly with eye-bath or water.
- Following ingestion** : Rinse mouth thoroughly with water. Give nothing to eat or drink.
- Self-protection of the first aider** : First aider: Pay attention to self-protection!

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

**Adverse human health effects and symptoms / Organs affected:**

not applicable

- Following inhalation** : not applicable
- Following skin contact** : not applicable
- After eye contact** : not applicable
- Following ingestion** : not applicable

Further information: SECTION 11: Toxicological information

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

- Notes for the doctor** : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media** : Co-ordinate fire-fighting measures to the fire surroundings.
- Unsuitable extinguishing media** : Strong water jet.

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

**Hazardous combustion products**

- In case of fire may be liberated** : Carbon monoxide - Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Flame-retardant protective clothing. (EN 469)

## SECTION 6: Accidental release measures

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

- Personal precautions** : Use personal protection equipment. Special danger of slipping by leaking/spilling product.

### 6.1.1. For non-emergency personnel

Protective equipment : Personal protection equipment: see section 8.

Emergency procedures : not applicable.

### 6.1.2. For emergency responders

Personal protection equipment : Personal protection equipment: see section 8.

## 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

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

### 6.3.1. For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### 6.3.2. For cleaning up

Collect in closed and suitable containers for disposal. Clean contaminated articles and floor according to the environmental legislation.

### 6.3.3. Other information

not determined

## 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

Advices on safe handling : Do not get in eyes, on skin, or on clothing. Provide adequate ventilation.

Measures to prevent fire : The product is not: Flammable. No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation : Not dust explosive.

Environmental precautions : Avoid release to the environment.

#### Advices on general occupational hygiene

: When using do not eat, drink, smoke, sniff. Take off contaminated clothing. Wash hands before breaks and after work.

#### Further information

: Follow the instructions for use on the label.

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

#### Technical measures and storage conditions

: Store in a closed container. - Keep away from: ignition sources or heat sources.  
- Protect from sunlight. - Store in a cool dry place. - Keep away from: - Food and feedingstuffs

#### storage temperature

: Recommended storage temperature  $\geq 5$  -  $< 40$  °C

#### Requirements for storage rooms and vessels

: No information available.

#### Storage class

: No information available.

#### Materials to avoid

: No information available.

#### Further information on storage conditions

: No information available.

### 7.3. Specific end use(s)

#### Recommendation

: Observe instructions for use. Follow the instructions for use on the label.

#### Industrial sector specific solutions

: No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit values

Substance name	Limit value	The Netherlands		Germany		Austria		Belgium	
				mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm		
2-PHENOXYETHANOL	8 hour(s)			5.7	1	110	20		
	15 minutes			5.7	1	110	20		
	C								

		The Netherlands		Germany		Austria		Belgium	
Substance name	Limit value			mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm		
GLYCEROL		(Liquid aerosol (mist))		(inhalable dust)				(Liquid aerosol (mist))	
	8 hour(s)	10		200				10	
	15 minutes			400					
	C								

		Switzerland		Spain		United Kingdom		Poland	
Substance name	Limit value	mg/m <sup>3</sup>	ppm					mg/m <sup>3</sup>	ppm
2-PHENOXYETHANOL	8 hour(s)	110	20					230	
	15 minutes	110	20						
	C								
GLYCEROL		(inhalable dust)		(Vapour)		(Vapour)		(inhalable dust)	
	8 hour(s)	50		10		10		10	
	15 minutes	100				30			
	C								

		Portugal		Russia					
Substance name	Limit value			mg/m <sup>3</sup>	ppm				
2-PHENOXYETHANOL				(Vapour)					
	8 hour(s)			2					
	15 minutes								
GLYCEROL		(Vapour)							
	8 hour(s)	10							
	15 minutes								
	C								

Source : SUVA, Dutch Health Council, 2006/15/EC, 2004/37/EC, LOLI DB, 2000/39/EC, GWBB/VLEP, Gestis, 91/322/EEC, 2017/164/EU, INRS (Fr), TRGS 905, TRGS 910, Austrian OEL Regulation, Dutch Social-Economic Council (SER), US OSHA, EU OSHA, TRGS 900, ACGIH®, 2009/161/EU

20 °C, 1013 mbar: European Union / China / South Korea

25 °C, 1013 mbar: United States / Canada / Japan

[x]: appraisal period x minutes

C: peak limitation

H: skin resorptive

S: Statutory threshold limit value

ALARA: As low as reasonably achievable (ALARA principle).

#### Remark Occupational exposure limit values

none

#### DNEL (Derived No Effect Level (DNEL-value))

		DNEL worker			
		systemic		local	
Substance name	Exposure route	long-term	short-term	long-term	short-term
2-PHENOXYETHANOL	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 10	8.07		8.07	
	dermal [mg/kg bw/day]	20.83			
ETHYLHEXYLGLYCERIN	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 10	0.875	1.55		
	dermal [mg/kg bw/day]	1			
GLYCEROL	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m <sup>3</sup> ] 00			56	
	dermal [mg/kg bw/day]				

#### PNEC (Predicted No Effect Concentration (PNEC-value))

Substance name	aquatic, freshwater [mg/L]	aquatic, marine water [mg/L]	aquatic, intermittent release [mg/L]	sewage treatment plant [mg/L]	sediment, freshwater [mg/kg sediment dw]	sediment, marine water [mg/kg sediment dw]	soil [mg/kg soil dw]
2-PHENOXYETHANOL	0.943	0.094	3.44	24.8	7.237	0.724	1.26

Substance name	aquatic, freshwater [mg/L]	aquatic, marine water [mg/L]	aquatic, intermittent release [mg/L]	sewage treatment plant [mg/L]	sediment, freshwater [mg/kg sediment dw]	sediment, marine water [mg/kg sediment dw]	soil [mg/kg soil dw]
ETHYLHEXYLGLYCERIN	0.15	0.015		5.6	0.19	0.019	0.894
GLYCEROL	0.885	0.0885	8.85	1000	3.3	0.33	0.141

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Safe handling: see section 7 Technical measures and the application of suitable work processes have priority over personal protection equipment.

### 8.2.2. Personal protection equipment

- Eye/face protection** : Eye protection: not required.
- Skin protection**
- Hand protection** : Hand protection is not required.
- Body protection** : Body protection: not required.
- Respiratory protection** : Usually no personal respirative protection necessary.

### 8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

- Physical state** : Liquid
- Appearance** : No information available.
- Colour** : blue
- Odour** : No information available.
- Odour threshold** : No information available.
- pH** : 6.5
- Melting point/freezing point** : ≤0 °C
- Initial boiling point and boiling range** : ≥100 °C - ≤290 °C
- Flash point** : No information available.
- Evaporation rate** : No information available.
- flammability** : No information available.
- Upper/lower flammability or explosive limits**
- Upper explosion limit** : not applicable
- Lower explosion limit** : not applicable
- Vapour pressure** : ≤2.3 kPa (20 °C)
- Vapour density** : No information available.
- Relative density** : 1.004 (water=1) (20 °C)
- Solubility(ies)**
- Water** : very soluble
- Partition coefficient n-octanol/water**
- 2-PHENOXYETHANOL : 1.107 - Source: ECHA
- ETHYLHEXYLGLYCERIN : 2.52 - Source: GESTIS
- GLYCEROL : -1.75 - Source: LOLI - Method: OECD 107
- Auto-ignition temperature** : not applicable
- Decomposition temperature** : No information available.
- Viscosity** : <10 mPa\*s (20 °C)
- Explosive properties:** : not applicable
- Oxidising properties** : not applicable

### 9.2. Other information

- Critical temperature Tc** : not applicable
- Fat solubility** : No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Stable under recommended storage and handling conditions.

### 10.5. Incompatible materials

none

### 10.6. Hazardous decomposition products

No known hazardous decomposition products. - Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Following ingestion : No  
Skin contact : No  
Inhalation : No

Substances	Dose / Concentration	Value	Species	Exposure time	Method
2-PHENOXYETHANOL					
oral	LD50:	1840 mg/kg	Rat		OECD 401
	ATE:	1394 mg/kg dw			
dermal	LD50:	14391 mg/kg	Rat		
Inhalation (vapour)	LD50:	>1 mg/L	Rat		
ETHYLHEXYLGLYCERIN					
oral	LD50:	>2000 mg/kg bw/day	Rat		OECD 401
Inhalation (vapour)	LC50:	≥2.83 mg/L	Rat		OECD 403
GLYCEROL					
oral	LD50:	12.6 g/kg	Rat		
dermal	LD50:	>10 g/kg	Rabbit		

Skin corrosion/irritation : not applicable

Serious eye damage/eye irritation : not applicable

Respiratory or skin sensitisation : not applicable

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 : not applicable

STOT-repeated exposure : not applicable

Aspiration hazard : not applicable

#### Symptoms

Following inhalation : not applicable

Following skin contact : not applicable

After eye contact : not applicable

Following ingestion : not applicable

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

#### 11.2.2. Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance name	Acute (short-term) fish toxicity	Acute (short-term) toxicity to crustacea	Acute (short-term) toxicity to algae and cyanobacteria	Toxicity to other aquatic plants/organisms
2-PHENOXYETHANOL	LC50: 344 mg/L 96 hour(s) Fish - Source: ECHA	EC50: >500 mg/L 48 hour(s) Daphnia - Source: ECHA - Method: OECD 202	IC50: >500 mg/L 72 hour(s) Algae - Source: ECHA	
ETHYLHEXYLGLYCERIN	LC50: ≥26 mg/L 96 hour(s) Fish - Source: ECHA - Method: OECD 203	EC50: ≥36 mg/L 48 hour(s) Daphnia - Source: ECHA - Method: OECD 202	IC50: ≥22.17 mg/L 72 hour(s) Algae - Source: ECHA - Method: OECD 201	
GLYCEROL	LC50: 54000 mg/L 96 hour(s) Fish - Source: ECHA			

### 12.2. Persistence and degradability

#### Biodegradation

2-PHENOXYETHANOL	: Readily biodegradable (according to OECD criteria). - Source: ECHA - Method: OECD 301F
ETHYLHEXYLGLYCERIN	: Readily biodegradable (according to OECD criteria). - Source: ECHA - Method: OECD 301D
GLYCEROL	: Readily biodegradable (according to OECD criteria). - Source: ECHA
Mixture	: The surfactants contained in this mixture 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.

**Chemical oxygen demand (COD)** : No information available.

**Biochemical oxygen demand** : No information available.

**BOD5/COD ratio** : No information available.

### 12.3. Bioaccumulative potential

**Bioconcentration factor (BCF)** : No information available.

#### Partition coefficient n-octanol/water

2-PHENOXYETHANOL	: 1.107 - Source: ECHA
ETHYLHEXYLGLYCERIN	: 2.52 - Source: GESTIS
GLYCEROL	: -1.75 - Source: LOLI - Method: OECD 107

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information available.

### 12.8. Additional ecotoxicological information

Observe local regulations concerning effluent treatment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Waste should not be disposed of by release to water, drainage, sewer, or the ground. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Other disposal recommendations** : not applicable

## SECTION 14: Transport information

#### 14.1. UN number or ID number

No dangerous good in sense of these transport regulations.

#### 14.2. UN proper shipping name

No dangerous good in sense of these transport regulations.

#### 14.3. Transport hazard class(es)

No dangerous good in sense of these transport regulations.

#### 14.4. Packing group

No dangerous good in sense of these transport regulations.

#### 14.5. Environmental hazards

Marine pollutant : No

#### 14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

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

No information available.

### SECTION 15: Regulatory information

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

##### International regulations:

Minamata Convention on Mercury : not applicable

##### EU legislation

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]  
not applicable

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH:

not applicable

##### Overall Assessment on CMR properties

according to Regulation (EC) No. 1907/2006 (REACH) : not applicable

##### Regulation (EC) No 850/2004 [POP-Regulation]

not applicable

##### Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer.

not applicable

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.

#### 15.2. Chemical Safety Assessment

No information available.

### SECTION 16: Other information

##### **Additional information**

- SECTION 1: Identification  
Specific requirements or handling rules Switzerland:  
Importer/Only Representative: Philips AG, Seestrasse 87, 8810 Horgen, Switzerland  
Telephone: +41 (0)44/488 2211  
Information telephone (Product): +41 (0)800/002050 (Monday - Friday 8:00 - 18:00)  
Mobile network: +41 (0)848/000292 (Monday - Friday 8:00 - 18:00)  
Swiss Toxicological Information Centre CH-8028 Zürich: +41 (0)44/2515151 or 145  
- SECTION 13: Disposal considerations  
Waste codes/waste designations according to EWC/AVV: 20 01 29

##### **Relevant H-phrases (Number and full text)**



H302	Harmful if swallowed.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

## Abbreviations and acronyms

ACGIH®	American Conference of Governmental Industrial Hygienists
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
AICS	Australian Inventory of Chemical Substances
BuAc	n-Butyl acetate
CAS	Chemical Abstracts Service
CCID	New Zealand Chemical Classification and Information Database
DSL	Canada Domestic Substances List
ECHA-RAC	ECHA Committee for Risk Assessment
EFSA	European Food Safety Authority
EHSP	OECD Environment, Health, and Safety Publication
EmS	Emergency Schedule
EU-CLH	European Union Harmonised Classification and Labelling
GESTIS	Databases on hazardous substances of the German Social Accident Insurance
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
GWBB-VLEP	Grenswaarden voor beroepsmatige blootstelling/Valeurs limites d'exposition professionnelle
HHS	U.S. Department of Health and Human Services
HSDB	Hazardous Substances Data Bank
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INRS	French National Research and Safety Institute for the Prevention of Occupational Accidents and Diseases
JP-GHS	Japan GHS Basis for Classification Data
KHC	Known human carcinogens.
LEL	Lower explosion limit
LOLI	LOLI (List of Lists) Database
n.a.	not applicable
NDSL	Canada Non-domestic Substance List
NICNAS	Australia National Industrial Chemicals Notification and Assessment Scheme
NIER	South Korea National Institute of Environmental Research Evaluations
NLM	United States National Library of Medicine
NTP	National Toxicology Program
NZIoC	New Zealand Inventory of Chemicals
OECD	Organisation for Economic Co-operation and Development
OSHA	Occupational Safety & Health Administration
OUE	European Odour Unit
RAHC	Reasonably Anticipated Human Carcinogen
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCOEL	Scientific Committee on Occupational Exposure Limits (EU)
SIDS	OECD Screening Information Data Sets
SUVA	Swiss Accident Insurance Fund
TRGS	Technische Regeln für Gefahrstoffe
TSCA	The Toxic Substances Control Act Chemical Substance Inventory
TWA	Time Weighted Average
UEL	Upper explosion limit
UN	United Nations
US-EPA	United States Environmental Protection Agency

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