Safety Data Sheet

according to Hazard Communication Standard (HCS) (29 CFR 1910.1200)

Date last verification : 2020-01-13
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Version : 1.0

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

Product identifier

Safety Data Sheet : 26655
Product code : 8850 200 52740

Product name: : HQ200/52 CLEANING FLUID

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

Relevant identified uses : Cleaning agent

Uses advised against : No information available.

Details of the supplier of the safety data sheet

Supplier : PHILIPS CONSUMER LIFESTYLE, DRACHTEN

Oliemolenstraat 5 9203 ZN Drachten Netherlands	Tussendiepen 4 9206 AD Drachten Netherlands
Telephone : n.a.	n.a.
Telefax: : n.a.	n.a.

Emergency telephone number

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

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to 29 CFR 1910.1200

Not classified

Label elements

Labelling according to 29 CFR 1910.1201

none

emergency overview

Appearance : No information available. **Physical state** : Liquid **Odour** : No information available.

Hazards not otherwise classified : not applicable

Remarks on labelling none.

Other hazards

No information available.

SECTION 3: Composition / information on ingredients

Mixture

Substance name	CAS No.	Concentration
WATER	7732-18-5	≥ 95.0
2-PHENOXYETHANOL	122-99-6	≤ 1.0
ETHYLHEXYLGLYCERIN	70445-33-9	< 1.0

Full text of H-statements: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information : Remove casualty to fresh air and keep warm and at rest. Remove victim out of the danger area. When in doubt or if symptoms are observed, get medical advice. Do not leave affected person unattended. Remove affected person from the danger area and lay down.

Following inhalation : In case of respiratory tract irritation, consult a physician.

Following skin contact : After contact with skin, wash immediately with plenty of water and soap.

After eye contact : After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion : Rinse mouth thoroughly with water. Give nothing to eat or drink. Call a physician in any case!

Self-protection of the first aider : No special measures are necessary.

Most important symptoms and effects, both acute and delayed

Following skin contact	**local**	:	The substance is prickling: redness.
	systemic	:	Probably no absorbtion worth mentioning.
After ingestion	**local**	:	The substance is prickling: sore throat.
	systemic	:	The substance may be absorbed after ingestion.
Following inhalation	**local**	:	The substance is with atomising prickling: sore throat.
	systemic	:	Probably no absorbtion worth mentioning.
After eye contact	**local**	:	The substance is prickling: redness.
Other information		:	The substance has an effect on: the blood.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor : Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media : No information available.

Special hazards arising from the substance or mixture

Hazardous combustion products : none

In case of fire may be liberated : Carbon monoxide

Advice for firefighters

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

Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protection equipment.

For non-emergency personnel

Protective equipment : Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Emergency procedures : not applicable.

For emergency responders

Personal protection equipment : Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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.

Methods and material for containment and cleaning up

For containment

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

For cleaning up

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

Other information

not determined

Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

Precautions for safe handling

Protective measures

Advices on safe handling	: No special measures are necessary.
Measures to prevent fire	: No information available.
Measures to prevent aerosol and dust generation	: No information available.
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	: No information available.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	: Store in a closed container. ▪ frost free.
storage temperature	: No information available.
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.

Specific end use(s)

Recommendation	: not applicable
Industrial sector specific solutions	: No information available.

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

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

68 °F, 1013 mbar: European Union / China / South Korea
77 °F, 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 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/m³] 10	8.07		8.07	
	dermal [mg/kg bw/day]	20.83			

		DNEL worker			
		systemic		local	
Substance name	Exposure route	long-term	short-term	long-term	short-term
ETHYLHEXYLGLYCERIN	oral [mg/kg bw/day]	Not required.			
	Inhalation [mg/m³] 10	0.875	1.55		
	dermal [mg/kg bw/day]	1			

Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Safe handling: see section 7

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 : If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Environmental exposure controls

See section 7. No additional measures necessary.

Additional information

No further relevant information available.

SECTION 9: Physical and chemical properties

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 : ≤ 32 °F
Initial boiling point and boiling range : ≥ 212 °F - ≤ 554 °F
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 (68 °F)
Vapour density : No information available.
Relative density : 1.004 (water=1 (68 °F)
Solubility(ies)
Water : very soluble

Partition coefficient: n-octanol/water
2-PHENOXYETHANOL : 1.107 ▪ Source: ECHA
ETHYLHEXYLGLYCERIN : 2.52 ▪ Source: GESTIS

Auto-ignition temperature : not applicable
Decomposition temperature : No information available.
Viscosity : < 10 mPa•s (68 °F)
Explosive properties: : not applicable
Oxidising properties : not applicable

Other information

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

SECTION 10: Stability and reactivity

Reactivity

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

Chemical stability

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

Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Conditions to avoid

Stable under recommended storage and handling conditions.

Incompatible materials

none

Hazardous decomposition products

No known hazardous decomposition products.

Additional information

No information available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

After 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
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

Skin corrosion/irritation : not applicable

Serious eye damage/eye irritation : not applicable

Respiratory or skin sensitisation : not applicable

Germ cell mutagenicity : not applicable

Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity : not applicable

STOT-single exposure : not applicable

STOT-repeated exposure : not applicable

Aspiration hazard : not applicable

Symptoms

Following skin contact — **local** : The substance is prickling: redness.
systemic : Probably no absorbtion worth mentioning.

After ingestion — **local** : The substance is prickling: sore throat.
systemic : The substance may be absorbed after ingestion.

Following inhalation — **local** : The substance is with atomising prickling: sore throat.
systemic : Probably no absorbtion worth mentioning.

After eye contact — **local** : The substance is prickling: redness.

Other information : The substance has an effect on: the blood.

SECTION 12: Ecological information

Toxicity

Substance name	Acute (short-term) fish toxicity	Acute (short-term) toxicity to crustacea	Acute (short-term) toxicity to aquatic 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	

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

Chemical oxygen demand (COD) : No information available.

Biochemical oxygen demand : No information available.

BOD5/COD ratio : No information available.

Bioaccumulative potential

Bioconcentration factor (BCF) : No information available.

Partition coefficient: n-octanol/water

2-PHENOXYETHANOL : 1.107 ▪ Source: ECHA

ETHYLHEXYLGLYCERIN : 2.52 ▪ Source: GESTIS

Mobility in soil

No information available.

Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Other adverse effects

No information available.

Additional ecotoxicological information

Observe local regulations concerning effluent treatment.

SECTION 13: Disposal considerations

Waste treatment methods

Dispose of contents/container to industrial incineration plant. Following consultation with waste management company and after physico-chemical pre-treatment, landfill together with household waste. Waste disposal should be in accordance with applicable local and/or national legislation.

Other disposal recommendations : not applicable

SECTION 14: Transport information

UN number

No dangerous good in sense of these transport regulations.

UN proper shipping name

No dangerous good in sense of these transport regulations.

Transport hazard class(es)

No dangerous good in sense of these transport regulations.

Packing group

No dangerous good in sense of these transport regulations.

Environmental hazards

Marine pollutant : No

Special precautions for user

No dangerous good in sense of these transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

SECTION 15: Regulatory information

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

International regulations:

Minamata Convention on Mercury : not applicable

US Federal Regulations

SARA 302

This material, as supplied, does not contain any substances regulated as hazardous substances under the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

National regulations

U.S. Clean Water Act Section 307 – Toxic Pollutants

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

National inventories

Substance name	TSCA (Active)	DSL (Canada)	NDSL (Canada)
WATER	listed.	listed.	not listed.
2-PHENOXYETHANOL	listed.	listed.	not listed.
ETHYLHEXYLGLYCERIN	listed.	listed.	not listed.

All the ingredients in this product are listed on the USA EPA TSCA Inventory

SECTION 16: Other information

Additional information

none

Relevant H-phrases (Number and full text)

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye 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