Life Protected Cleaner

LPC036

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Product name: Life Protected Cleaner

Unique Formula Identifier: PW3R-0S4K-TAPJ-041H

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

Application of the substance/mixture: Environmental surface cleaner
Uses advised against: No available data
Reasons why uses advised against: N/A

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

Company and Address:

GV Health Ltd.
Hall House
2 Arlington Court, Whittle Way
Arlington Business Park, Stevenage
Hertfordshire SG1 2FS
United Kingdom
Tel: 01920 463 098
Fax: 01920 484 664

Email Address: info@gvhealth.com
SDS Version: 1.3
Date of version: 09/11/2026

1.4. Emergency telephone number (UK):

Healthcare Professionals:
National Poisons Information Service (NPIS) 0344 892 0111 (Available 24 hours a day)

Members of the Public:
The National Health Service (NHS) 111 (Available 24 hours a day)
See section 4 “First aid measures”.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

2.1.1. Classification according to GB CLP regulation:

GB CLP Regulation Classification	Classification procedure
Skin Irrit.2, H315	Skin Irrit.2, H315
Additivity approach	Additivity approach
Eye Dam. 1, H318	Eye Dam. 1, H318
Additivity approach	Additivity approach

2.1.2. Additional information:

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements:

Labelling according to GB CLP Regulation:

The product is labelled according to GB CLP Regulation.

Hazard pictograms:



GHS05



GHS07

Signal word: Danger

Hazard-determining components of labelling: Sodium dodecyl sulphate

Hazard statements:
H315 - Causes skin irritation
H318 - Causes serious eye damage
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements:
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P264 - Wash skin thoroughly after handling.
P280 - Wear protective glove/ eye protection/ face protection.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P405 - Store locked up.
P501 - Dispose of contents and container to National Regulations.

Supplemental label information: Not applicable

2.3. Other hazards:

None of the ingredients (≥0.1%) meets the criteria for PBT/vPvB in accordance with Annex XIII.
None of the ingredients (≥0.1%) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable.

3.2. Mixtures:

Description of the mixture: Cleaner

Substance	CAS No.	Index No.	EC No.	Conc. w/w%	CLP Classification	SCL/M-factor/ATE
Sodium dodecyl sulphate	151-21-3	-	205-788-1	10-45%	Flam. Sol. 2, H228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	ATE (oral)= 1228 mg/kg
Decyl glucoside	141464-42-8	-	-	1-5%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	-
Alcohols, C12-18, ethoxylated	68213-23-0	-	500-201-8	1-5%	Acute Tax. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400	ATE (oral)= 384 mg/kg M=1

					Aquatic Chronic 3, H412	
Sodium citrate	68-04-2	-	200-675-3	0.5-5%	Eye Irrit. 2, H319	-
Saponins	8047-15-2	-	232-462-6	0.1-3%	Eye Irrit. 2, H319 STOT SE 3, H335	-
5-chloro-2-(4-chlorophenoxy) phenol	3380-30-1	605-023-00-5	429-290-0	0.1-0.2%	Eye Dam. I, H318 Aquatic Acute 1, H400 Aquatic Chronic I, H410	M=10 M(Chronic)=10
Sodium carbonate	497-19-8	011-005-00-2	207-838-8	0.1-1%	Eye Irrit. 2, H319	Eye lrrit. 2, H319: C2≥5%

Additional information:
See full text of H-phrases in section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General advice: If medical advice is needed, have product container or label at hand.
After inhalation: Get medical attention if you feel unwell.
After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
After swallowing: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

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

Acute and delayed effects are as indicated in sections 2 and 11.

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

No special immediate medical attention or treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: Use CO_2, chemical powder, water spray or alcohol resistant foam to extinguish.
Unsuitable extinguishing media: Water with full jet.

5.2. Special hazards arising from the substance or mixture:

May produce corrosive dust in air under fire.

5.3. Advice for firefighters:

Protective equipment: Wear self-contained breathing apparatus for firefighting

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Protective equipment: Protective gloves/ eye protection/ face protection.
Emergency procedures: Avoid contact with skin and eyes.
Avoid release to the environment.

6.1.2. For emergency responders:

Personal protective equipment: Protective gloves/ eye protection/ face protection.

6.2. Environmental precautions:

Prevent further leakage or spillage if safe to do so.
Prevent spillage from entering drains, sewer, basement or confined areas.
If the spillage contaminates rivers, lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up:

Pick up mechanically with protective gloves.
Dispose contaminated material as waste according to section 13.

6.4. Reference to other sections:

See section 7 for information on safe handing.
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:

Read carefully and follow all instructions.
Avoid contact with skin and eyes.
Avoid release to the environment.

Information about fire and explosion protection:

Normal measures for preventive fire protection.

7.2. Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles:

Store in a dry and cool place.

Information about storage in one common storage facility:

Keep out of reach of children.

Further information about storage conditions:

Store locked up.

Storage class:

11.

7.3. Specific end use(s):

See section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

DNELs:

DNEL Type		DNEL Worker Value	DNEL Consumer Value
151-21-3 [Sodium dodecyl sulphate]			
Systemic effects	Long-term, inhalation exposure	285 mg/m^3	85 mg/m^3
	Long-term, dermal exposure	4060 mg/kg bw/day	2440 mg/kg bw/day
	Long-term, oral exposure	-	24 mg/kg bw/day
68213-23-0 [Alcohols, C12-18, ethoxylated]			
Systemic effects	Long-term, inhalation exposure	294 mg/m^3	87 mg/m^3
	Long-term, dermal exposure	2080 mg/kg bw/day	1250 mg/kg bw/day
	Long-term, oral exposure	-	25 mg/kg bw/day

PNECs:

PNEC Type	Value
151-21-3 [Sodium dodecyl sulphate]	
Freshwater	176 µg/L
Intermittent releases (freshwater)	55 µg/L
Marine water	17.6 µg/L
Sewage treatment plant (STP)	1.35 mg/L
Sediment (freshwater)	6.97 mg/kg sediment dw
Sediment (marine water)	697 µg/kg sediment dw
Soil	1.29 mg/kg soil dw
68213-23-0 [Alcohols, C12-18, ethoxylated]	
Freshwater	48 µg/L
Intermittent releases (freshwater)	4.1 µg/L
Marine water	48 µg/L
Sewage treatment plant (STP)	10 g/L
Sediment (freshwater)	292 mg/kg sediment dw
Sediment (marine water)	292 mg/kg sediment dw
Soil	1 mg/kg soil dw

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

8.2. Exposure controls:

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.
Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

Personal protective equipment:

Eye and face protection:

Not required under normal conditions of use (i.e. when used as directed).

For industrial applications (i.e. manufacturing), following protection required:



Safety glasses

Protective goggles with side-shields.

Skin protection:

Hand protection:



Protective gloves

Chemical-resistant gloves certified to EN ISO 374-1 (achieving at least type C resistance against at least one chemical). NOTE: under normal conditions of use, due to the solid, non-granular format of the product and non-volatile nature of the chemicals with the applicable hazards,

the applicable chemicals cannot permeate through gloves, so chemical barrier requirements are minimal.

Other skin protections: Not required under normal conditions of use.

For industrial applications, following protection required:


Face protection


Safety boots


Safety overalls

Face shield, gauntlets, boots, bodysuit are recommended.

Respiratory protection: Not required under normal conditions of use.

For industrial applications, following protection required:


Respiratory equipment
Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

Thermal hazards: Not required under normal conditions of use.
For industrial applications, following protection required:
The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

Environmental exposure controls: Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Form:	Solid
Colour:	Yellow
Odour:	Lemon
Odour threshold:	Not determined
Melting point/melting range:	Not determined
Boiling point and boiling range:	Not determined
Flammability (solid, gas):	Not determined
pH Value:	Not determined
Kinematic viscosity (mm^2/s):	Not applicable
Solubility:	Soluble in water
Partition coefficient (n-octanollwater):	Not determined
Vapor pressure:	Not determined
Density:	Not determined
Relative density:	Not determined
Vapor density:	Not determined
Particle characteristics:	Not determined

9.2. Other information:

9.2.1. Information with regard to physical hazard classes:

Flammable gases: Not Applicable

Aerosols:	Not Applicable
Oxidising gases:	Not Applicable
Gases under pressure:	Not Applicable
Flammable liquids:	Not Applicable
Flammable solids:	Not Applicable
Self-reflective substances & mixtures:	Not Applicable
Pyrophoric liquids:	Not Applicable
Pyrophoric solids:	Not Applicable
Self-heating substances & mixtures:	Not Applicable
Substances & mixtures which emit - flammable gases in contact with water:	Not Applicable
Oxidizing liquids:	Not applicable
Oxidizing solids:	Not applicable
Organic peroxides:	Not applicable
Corrosive to metals:	Not applicable
Desensitised explosives:	Not applicable

9.2.2. Other safety characteristics:

Mechanical sensitivity:	Not applicable
Self-accelerating polymerisation temperature:	Not applicable
Formation of explosible dust/air mixtures:	Not applicable
Acid/alkaline reserve:	Not applicable
Evaporation rate:	Not applicable
Miscibility:	Not applicable
Conductivity:	Not applicable
Corrosiveness:	Not applicable
Gas group:	Not applicable
Redox potential:	Not applicable
Radical formation potential:	Not applicable
Photocatalytic properties:	Not applicable
Other physical and chemical parameters:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability:
Under storage at normal ambient temperatures, the product is stable.

10.3. Possibility of hazardous reactions:
No known hazardous reactions.

10.4. Conditions to avoid:
High temperature.

10.5. Incompatible materials:
Strong oxidising agent and acids.

10.6. Hazardous decomposition products:
Does not decompose when used for intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

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

Species	Effective dose	Results	Method/Source
151-21-3 [Sodium dodecyl sulphate]			
Rat	LD50-oral	1290 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
	LC50-inhalation	>3900 mg/ m^3/1H	BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets., 23-3/1971.
	LD50-dermal	>2000 mg/kg	ECHA registered dossier.
Rabbit	LD50-dermal	580 mg/kg	Henkel KGaA Duesseldorf [IUCLID 2000]
68213-23-0 [Alcohols, C12-18, ethoxylated]			
Guinea pig	LD50-oral	384 mg/kg	NTP
Rabbit	LD50-dermal	2500 mg/kg	Obtained from material safety data sheet (URL - www.chemspec-canada.com).
68-04-2 [Sodium citrate]			
Mouse	LD50-oral	5400 mg/kg	ECHA registered dossier.
Rat	LD50-dermal	>2000 mg/kg	ECHA registered dossier.

Skin corrosion/irritation: Causes serious eye damage.
Serious eyes damage/ irritation: Causes serious eye damage.
Respiratory or skin sensitization: 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:

11.2.1. Endocrine disrupting properties:

None of the ingredients (≥0.1%) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2. Other information:

No known other relevant information on adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

Species	Effective dose	Results	Value
151-21-3 [Sodium dodecyl sulphate]			
Pimephales promelas	LC50	96h	29 mg/L
Cyprinodon variegatus	LC50	96h	4.1 mg/L
Pimephales promelas	NOEC	42d	≥1.36 mg/L
Ceriodaphnia dubia	EC50	48h	5.55 mg/L
Artemia salina	LC50	48h	3.15 mg/L
Desmodesmus subspicatus	EC50	72h	120 mg/L
Desmodesmus subspicatus	NOEC	72h	30 mg/L
68213-23-0 [Alcohols, C12-18, ethoxylated]			
Bluegill sunfish	NOEC	30d	>0.33 mg/L
Fathead minnow	NOEC	30d	0.28 mg/L
Daphnia magna	EC50	48h	2.7 mg/L

12.2. Persistence and degradability:

CAS	Substance	Biodegradation	Hydrolysis
151-21-3	Sodium dodecyl sulphate	95%(28d)	-
68213-23-0	Alcohols, C12-18, ethoxylated	95%(28d)	-

12.3. Bio-accumulative potential:

CAS	Substance	Log Pow	BCF
151-21-3	Sodium dodecyl sulphate	-2.03	-
68213-23-0	Alcohols, C12-18, ethoxylated	5.16	387.5

12.4. Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
151-21-3	Sodium dodecyl sulphate	25.2 (1 g/l, 23℃)	2.5
68213-23-0	Alcohols, C12-18, ethoxylated	24.7 (100 mg/l, 23℃)	4.29

12.5. Results of PBT and vPvB assessment:
This mixture does not contain any substances (≥0.1%) that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties:
None of the ingredients (≥0.1%) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

12.7. Other adverse effects:
No known other adverse effects.

12.8. Additional ecological information:
General notes:
WGK1 (German Regulation) (self-assessment): slightly hazard to waters.
Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: DISPOAL CONSIDERATION

13.1. Waste treatment methods:
Recommendation: Dispose of contents/container according to local/national regulations.

13.2. Un-cleaned packaging:
Recommendation: Dispose of contents/container according to local/national regulations.

SECTION 14: TRANSPORT INFORMATION

ADR/ADN/RID (2023 Edition)	This product is not subject to ADR/ADN/RID.
IATA-DGR (65th)	This product is not subject to IATA-DGR.
IMO/IMDG (41-22)	This product is not subject to IMO/IMDG code.

SECTION 15: REGULATORY INFORMATION

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

MAK (German Maximum Workplace Concentration)
None of the ingredients is listed.

Directive 2012/18/EU:
Named dangerous substances ANNEX I:
None of the ingredients is listed

Seveso category:
Not applicable

Qualifying quantity (tonnes) for the application of lower-tier requirements:
Not applicable

Qualifying quantity (tonnes) for the application of upper-tier requirements:
Not applicable

National regulations:
Water hazard class:
WGK1 (German Regulation) (self-assessment): slightly hazard to waters.

Other regulations, limitations and prohibitive regulations:
SVHC Candidate list of REACH Regulation Annex XIV Authorisation:
None of the ingredients is listed.

REACH Regulation Annex XVI/ Restriction:
None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List:
None of the ingredients is listed

15.2. Chemical safety assessment:
No chemical safety assessment has been carried out for this mixture.

SECTION 16: OTHER INFORMATION

16.1. Indication of changes:
None.

Revision date	09/11/2026
Revision	1.3
Reason for revision	Updates to Sodium dodecyl sulphate hazards/precautions and glove/eye protection recommendations.
Country-language	UK-en

16.2. List of abbreviations:

ADR:	Accord europeen sur le transport 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
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
PBT:	Persistent, Bio accumulative and Toxic
vPvB:	Very persistent and very bio accumulative
SVHC:	Substance of Very High Concern
LD50:	Lethal dose; 50 percent
LC50:	Lethal concentration; 50 percent
EC50:	Concentration of maximal effect, 50 percent
NOEC:	No observed effect concentration
Flam. Sol. 2:	Flammable solids, hazard category 2
Acute Tox. 4:	Acute toxicity, hazard category 4
Skin lrrit. 2:	Skin corrosion/irritation, hazard category 2
Eye Dam. 1:	Eye damage/irritation, hazard category I
Eye lrrit. 2:	Eye damage/irritation, hazard category 2
STOT SE 3:	Specific target organ toxicity after single exposure, hazard category 3

Aquatic Acute 1: Hazardous to the aquatic environment-acute toxic, hazard category 1
Aquatic Chronic 1: Hazardous to the aquatic environment-chronic toxic, hazard category I
Aquatic Chronic 3: Hazardous to the aquatic environment-chronic toxic, hazard category 3

16.3. Key literature references and sources for data:
https://echa.europa.eu/
https://chem.nlm.nih.gov/
https://www.osha.gov/
http://www.unece.org/
http://www.imo.org/
https://www.dguv.de/
https://epa.govt.nz/
http://www.ilo.org/
https://www.phmsa.dot.gov/

16.4. Classification for mixtures and used evaluation method according to GB CLP regulation:
See section 2.1 (classification).

16.5. Relevant H- and EUH-phrases (number and full text):
H228 Flammable solid
H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H319 Causes serious eye irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

16.6. Training Advice:
Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

16.7. Further information:
The contents and format of this SDS are in accordance with UK REACH Regulations SI 2019/758 and GB CLP.

Disclaimer:
GV Health urges the user to study this SDS carefully and consult expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. GV Health does not purport this document to be all inclusive, it is intended only as a guide to the safe handling, use, storage, transportation, disposal and release by a properly trained user and is not to be considered a warranty or quality specification. This information relates only to the designated product and is not valid if the product is used in combination with unspecified materials or as part of an unspecified process. Users are responsible for independently determining the appropriateness of this information for their particular use. Since conditions for use of the product are outside of GV Health's control, it is the user's responsibility to determine the conditions necessary for the safe use of this product. The information contained herein is provided in good faith, based on GV Health's knowledge as of the publication date of this SDS. GV Health makes no warranty, guarantee or representation, expressed or implied as to its comprehensiveness, completeness, accuracy or reliability. The user assumes full liability for any damage or injury resulting from either the product being used outside of its specified use or failure to follow the guidance set out in this SDS. GV Health does not accept liability for any loss or damage that may occur from the use of this information. GV Health shall not be held responsible for any defect in the product should the existence of such defect not be detectable, considering the state of knowledge at the time of publishing. Regulatory requirements are subject to change and may differ between locations. It is the user's responsibility to ensure their activities comply with all federal, state, provincial or local laws. Nothing in this document is intended as permission, inducement or recommendation to violate any laws or practice any invention covered by existing patents, copyrights or inventions. If you are unsure whether the SDS in your possession is up to date, please contact us for the most current version.