Diversey
A SOLENIS COMPANY

Safety Data Sheet

SOFT CARE PLUS FOAM H42

Revision: 2026-06-01 **Version:** 02.0

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier
Product name: SOFT CARE PLUS FOAM H42

1.2 Recommended use and restrictions on use
Identified uses:
Anti-bacterial handwash
Restrictions of use:
Uses other than those identified are not recommended

1.3 Details of the supplier
Diversey New Zealand Ltd
5C Clemway Place, Henderson, Waitakere City,
Auckland, 0610, NEW ZEALAND.
Telephone: 0800 803 615 (toll free)

Product information:
Email: customerservices.nz@solenis.com
Website: products.solenis.com/en-NZ

1.4 Emergency telephone number
Seek medical advice (show the label or safety data sheet where possible)
Call 0800 243 622 (24 hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Serious eye damage, Category 1

2.2 Label elements



Signal word: Danger

Hazard statements:
H318 - Causes serious eye damage.

Prevention statement(s):
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P233 - Keep container tightly closed.
P280 - Wear eye or face protection.

Response statement(s):
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 CENTRE, doctor or physician.

Disposal statement(s):
P501 - Dispose of unused content as chemical waste.

2.3 Other hazards
No other hazards known.

SECTION 3: Composition/information on ingredients

3.1 Substances / Mixtures

Ingredient(s)	CAS#	EC number	Weight percent
alcohols, C12-14, ethoxylated, sulphates, sodium salts	68891-38-3	500-234-8	3-10
sodium lactate	72-17-3	200-772-0	1-3
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	931-534-0	0.1-1

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin contact: If skin irritation occurs: Get medical advice or attention.

Eye contact: Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

First aid facilities: Eyewash facilities should be considered in a workplace where necessary.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No known effects or symptoms in normal use.

Skin contact: No known effects or symptoms in normal use.

Eye contact: Causes severe or permanent damage.

Ingestion: No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

Poison Information Center: Call 0800 764 766 (0800 POISON)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

5.4 Hazchem code

None allocated

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear eye/face protection.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:
For environmental exposure controls see subsection 8.2.

Advice on general occupational hygiene:
Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless advised by Diversey. Avoid contact with eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep out of reach of children. Keep from freezing.
For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)
No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.
If available, please refer to the product information sheet for application and handling instructions.
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment
Eye / face protection: Safety glasses or goggles (AS/NZS 1337.1).
Hand protection: Not applicable.
Body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	Method / remark
Physical state: Liquid	
Colour: Clear , Colourless	
Odour: Product specific	
Odour threshold: Not applicable	
pH: ≈ 4 (neat)	ISO 4316
Melting point/freezing point (°C): Not determined	Not relevant to classification of this product
Initial boiling point and boiling range (°C): Not determined	
Flammability (liquid): Not flammable.	
Flash point (°C): > 100 °C	Weight of evidence
Sustained combustion: The product does not sustain combustion *(UN Manual of Tests and Criteria, section 32, L.2)*	Weight of evidence
Evaporation rate: Not determined	Not relevant to classification of this product
Flammability (solid, gas): Not applicable to liquids	
Lower and upper explosion limit/flammability limit (%): Not determined	
Vapour pressure: Not determined	
Relative density: ≈ 1.03 (20 °C)	OECD 109 (EU A.3)
Relative vapour density: No data available.	Not relevant to classification of this product
Particle characteristics: No data available.	Not applicable to liquids.

Solubility in / Miscibility with water: Fully miscible
Partition coefficient: n-octanol/water No information available.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined
Decomposition temperature: Not applicable.
Kinematic viscosity: Not determined
Explosive properties: Not explosive. Vapours may form explosive mixtures with air.
Oxidising properties: Not oxidising. Not oxidising, based on substance properties

9.2 Other information
Surface tension (N/m): Not determined Not relevant to classification of this product
Corrosion to metals: Not corrosive Weight of evidence

SECTION 10: Stability and reactivity

10.1 Reactivity
No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability
Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid
None known under normal storage and use conditions.

10.5 Incompatible materials
None known under normal use conditions.

10.6 Hazardous decomposition products
None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixture data: .

Relevant calculated ATE(s):
ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

Acute toxicity
Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	LD_{50}	> 2000	Rat	OECD 401 (EU B.1)	
sodium lactate	LD_{50}	> 2000	Rat	EPA OPP 81-1	
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD_{50}	> 2000	Rat	OECD 401 (EU B.1)	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	LD_{50}	> 2000	Rat	OECD 402 (EU B.3)	
sodium lactate	LD_{50}	> 2000	Rabbit	EPA OPP 81-2	
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD_{50}	6300	Rabbit	OECD 402 (EU B.3)	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts		5.71			
sodium lactate	LC_{50}	> 7.94	Rabbit	OECD 403 (EU B.2)	4

sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC_{50}	> 52 (mist)	Rat	OECD 403 (EU B.2)	4

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Irritant	Rabbit	OECD 404 (EU B.4)	
sodium lactate	Not irritant			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Severe damage	Rabbit	OECD 405 (EU B.5)	
sodium lactate	Irritant			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Severe damage	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available			
sodium lactate	No data available			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
sodium lactate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available			
sodium lactate	No data available			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 476	No evidence for mutagenicity, negative test results	OECD 475 (EU B.11)
sodium lactate	No data available		No data available	
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No evidence for mutagenicity, negative test results	Method not given	No evidence for mutagenicity, negative test results	Method not given

Carcinogenicity

Ingredient(s)	Effect
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No evidence for carcinogenicity, weight-of-evidence
sodium lactate	No data available
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No evidence for carcinogenicity, negative test results

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOAEL	Developmental toxicity	> 1000	Rat	OECD 414 (EU B.31), oral		No evidence for reproductive toxicity
sodium lactate			No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts			No data available				No evidence for teratogenic effects

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOAEL	> 225		OECD 408 (EU B.26)	90	
sodium lactate		No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available				
sodium lactate		No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available				
sodium lactate		No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
alcohols, C12-14, ethoxylated, sulphates, sodium salts			No data available					
sodium lactate			No data available					
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Oral	NOAEL	259	Rat	Method not given	24 month(s)		

STOT-single exposure

Ingredient(s)	Affected organ(s)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available
sodium lactate	No data available
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available
sodium lactate	No data available
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available

Aspiration hazard
Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms
Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity
Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)

alcohols, C12-14, ethoxylated, sulphates, sodium salts	LC_{50}	7.1	*Fish*	OECD 203 (EU C.1)	96
sodium lactate	LC_{50}	162	*Oncorhynchus mykiss*	Read across	96
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC_{50}	4.2	*Brachydanio rerio*	OECD 203 (EU C.1)	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{50}	7.4	*Daphnia magna Straus*	OECD 202 (EU C.2)	48
sodium lactate	EC_{50}	162	*Daphnia magna Straus*	Read across	48
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC_{50}	4.53	*Ceriodaphnia sp.*	OECD 202 (EU C.2)	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{50}	10 - 100	*Pseudokirchneriella subcapitata*	OECD 201 (EU C.3)	72
sodium lactate	EC_{50}	3480800	*Pseudokirchneriella subcapitata*	Read across	72
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC_{50}	5.2		OECD 201 (EU C.3)	72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alcohols, C12-14, ethoxylated, sulphates, sodium salts		No data available			
sodium lactate		No data available			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alcohols, C12-14, ethoxylated, sulphates, sodium salts	EC_{0}	> 100		DIN 38412, Part 27	
sodium lactate		No data available			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC_{50}	230		OECD 209	

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOEC	1 - 10	*Not specified*	OECD 203	45 day(s)	
sodium lactate		No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alcohols, C12-14, ethoxylated, sulphates, sodium salts	NOEC	0.27	*Daphnia sp.*	OECD 211	21 day(s)	
sodium lactate		No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT_{50}	Method	Evaluation
alcohols, C12-14, ethoxylated, sulphates, sodium salts		CO_2 production	77-79 % in 28 day(s)	OECD 301D	Readily biodegradable
sodium lactate	Activated sludge, aerobe	Oxygen depletion		Method not given	Readily biodegradable, without 10 day window
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Activated sludge, aerobe	CO_2 production	> 80 % in 28 day(s)	OECD 301B	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alcohols, C12-14, ethoxylated, sulphates, sodium salts	0.3	Method not given	No bioaccumulation expected	
sodium lactate	No data available			
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	-1.3	(EC) 440/2008, A.8	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
alcohols, C12-14, ethoxylated, sulphates, sodium salts	< 3		Method not given	No bioaccumulation expected	
sodium lactate	No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
alcohols, C12-14, ethoxylated, sulphates, sodium salts	No data available				
sodium lactate	No data available				
sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	No data available				Low potential for adsorption to soil

12.5 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products: The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging

Recommendation: Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

SECTION 14: Transport information

ADG, IMO/IMDG, ICAO/IATA
14.1 UN number or ID number: Non-dangerous goods
14.2 UN proper shipping name: Non-dangerous goods
14.3 Transport hazard class(es): Non-dangerous goods
14.4 Packing group: Non-dangerous goods
14.5 Environmental hazards: Non-dangerous goods
14.6 Special precautions for user: Non-dangerous goods
14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

Other relevant information:
Hazchem code: None allocated

SECTION 15: Regulatory information

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

HSNO Approval Number	HSR002530.
Group standard	Cleaning Products (Subsidiary Hazard) Group Standard 2020
Inventory Listing(s)	New Zealand: NZIoC (New Zealand Inventory of Chemicals) All components are listed on the NZIoC inventory, or are exempt
HSNO Classification	8.3A - Corrosive to ocular tissue

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS3200688 **Version:** 02.0 **Revision:** 2026-06-01

Abbreviations and acronyms:
• ATE - Acute Toxicity Estimate
• AUH - Non GHS hazard statement
• DNEL - Derived No Effect Limit
• EC No. - European Community Number
• EC50 - effective concentration, 50%
• LC50 - Lethal Concentration, 50% / Median Lethal Concentration
• LD50 - Lethal Dose, 50% / Median Lethal dose
• NOAEL - No observed adverse effect level
• NOEL - No observed effect level
• OECD - Organisation for Economic Cooperation and Development
• PNEC - Predicted No Effect Concentration
• STOT-RE - Specific target organ toxicity (repeated exposure)
• STOT-SE - Specific target organ toxicity (single exposure)

End of Safety Data Sheet