



Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
SDS Ref.: Periodic review of SDS 11/1/2021
Date of issue: 10/29/2018 Revision date: 11/1/2018 Supersedes: 10/29/2018 Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Trade name : Apple Hand Cleaner
Product code : WP 1834
Type of product : Aqueous solution including surfactants
Product group : Blend

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Hand Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wessex Chemical Factors Ltd
9 Crane Way, Woolsbridge Industrial Park,
Three Legged Cross, Wimborne, Dorset
BH21 6FA - United Kingdom
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863
www.wessexchemicalfactors.co.uk
E-mail address of competent person responsible for the SDS : info@wessexchemicalfactors.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.)
+44 (0) 7973629367 (Out of hours emergency number)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

EUH-statements : EUH208 - Contains reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1)(55965-84-9). May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sulphuric acid, mono-C12-14-alkyl esters, sodium salts	(CAS-No.) 85586-07-8 (EC-No.) 287-809-4 (REACH-no) 01-2119489463-28	3 - 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
disodium laureth sulfosuccinate	(CAS-No.) 39354-45-5 (EC-No.) 609-656-8	1 - 10	Eye Irrit. 2, H319
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	(CAS-No.) 97862-59-4 (EC-No.) 931-296-8	0.1 - 3	Eye Dam. 1, H318 Aquatic Chronic 3, H412

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Amides, C8-18 (even-numbered) and C18 (unsatd.), N,N-bis(hydroxyethyl)	(EC-No.) 931-329-6 (REACH-no) 01-2119490100-53	0.1 - 1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Cellulose, 2-hydroxyethyl ether	(CAS-No.) 9004-62-0 (EC-No.) 618-387-5	0.1 - 1	Not classified
L-(+)-lactic acid	(CAS-No.) 79-33-4 (EC-No.) 201-196-2	0.1 - 1	Skin Irrit. 2, H315 Eye Dam. 1, H318
2-tert-butylcyclohexyl acetate	(CAS-No.) 88-41-5 (EC-No.) 201-828-7	< 1	Aquatic Chronic 2, H411
reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt	(EC-No.) 423-270-5 (REACH-no) 01-0000016977-53	0.1 - 1	Met. Corr. 1, H290
Glycerol	(CAS-No.) 56-81-5 (EC-No.) 200-289-5 (REACH-no) 01-2119471987-18	< 0.1	Not classified
2,2'-iminodiethanol; diethanolamine	(CAS-No.) 111-42-2 (EC-No.) 203-868-0 (EC Index-No.) 603-071-00-1 (REACH-no) 01-2119488930-28	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 3, H412
Allyl heptanoate	(CAS-No.) 142-19-8 (EC-No.) 205-527-1	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	(CAS-No.) 68912-13-0 (EC-No.) 272-805-7	< 0.1	Aquatic Chronic 2, H411
undecan-4-olide	(CAS-No.) 104-67-6 (EC-No.) 203-225-4	< 0.1	Aquatic Chronic 3, H412
benzyl acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7	< 0.1	Aquatic Chronic 3, H412
2,6-dimethyloct-7-en-2-ol	(CAS-No.) 18479-58-8 (EC-No.) 242-382-4	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Ethyl 2-naphthyl ether	(CAS-No.) 93-18-5 (EC-No.) 202-226-7	< 0.1	Eye Irrit. 2, H319 Aquatic Chronic 2, H411
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	< 0.1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Allyl 3-cyclohexylpropionate	(CAS-No.) 2705-87-5 (EC-No.) 220-292-5	< 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	(CAS-No.) 57378-68-4 (EC-No.) 260-709-8	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
trans-hex-2-en-1-ol	(CAS-No.) 928-95-0 (EC-No.) 213-192-2	< 0.1	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Skin Sens. 1B, H317
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

copper dinitrate	(CAS-No.) 3251-23-8 (EC-No.) 221-838-5 (REACH-no) 01-2119969290-34	< 0.1	Ox. Sol. 3, H272 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
------------------	--	-------	---

Specific concentration limits:

Name	Product identifier	Specific concentration limits
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	(C >= 0.0015) Skin Sens. 1, H317 (0.06 =<C < 0.6) Eye Irrit. 2, H319 (0.06 =<C < 0.6) Skin Irrit. 2, H315 (C >= 0.6) Skin Corr. 1B, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting. On ingestion in large quantities: Get medical advice/attention.

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

Symptoms/effects after eye contact	: May cause slight temporary irritation.
------------------------------------	--

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
------------------------------	--

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--	--------------------------------

5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
--------------------------------	--

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
----------------------	----------------------------

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
----------------------	---

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Small quantities of liquid spill: mix with water Wash down with an excess of water. In case of large spillages: Take up liquid spill into absorbent material, e.g.: sand. Shovel or sweep up and put in a closed container for disposal.
-------------------------	--

Other information	: Dispose of materials or solid residues at an authorized site.
-------------------	---

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool.
--------------------	--

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycerol (56-81-5)		
United Kingdom	Local name	Glycerol
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ mist
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

No special eye protection equipment recommended under normal conditions of use. Eye protection should only be necessary where hot liquid could be splashed or sprayed

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: No data available
Odour	: Odour relevant to fragrance.
Odour threshold	: No data available
pH	: No data available
pH solution	: 4.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Allyl heptanoate (142-19-8)

LD50 oral rat	218 mg/kg bodyweight
LD50 dermal rabbit	810 mg/kg bodyweight

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt

LD50 oral rat	> 4000 mg/kg
LD50 dermal rat	> 4000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5 mg/l/4h

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 inhalation rat (Dust/Mist - mg/l/4h)	0.31 mg/l/4h
---	--------------

2,2'-iminodiethanol; diethanolamine (111-42-2)

LD50 oral rat	1820 mg/kg bodyweight
---------------	-----------------------

Amides,C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Glycerol (56-81-5)

LD50 oral rat	12600 mg/kg
LD50 dermal	45 ml/kg (In guinea pigs)

sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)

LD50 oral rat	~ 1800 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (97862-59-4)

LD50 oral rat	> 4900 mg/kg
---------------	--------------

Skin corrosion/irritation : Not classified.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

Allyl heptanoate (142-19-8)	
LC50 fish 1	0.117 mg/l
EC50 Daphnia 1	0.89 mg/l
ErC50 (algae)	> 4.6 mg/l
NOEC chronic crustacea	0.158 mg/l

undecan-4-olide (104-67-6)	
LC50 fish 1	5.5 mg/l
EC50 Daphnia 1	3.6 mg/l
EC50 96h algae (1)	24.5 mg/l
ErC50 (algae)	5.94 mg/l
NOEC chronic algae	0.779 mg/l

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt	
LC50 fish 1	> 200 mg/l (Zebrafish)
EC50 Daphnia 1	> 200 mg/l
EC50 72h algae (1)	> 200 mg/l
NOEC chronic fish	>= 200 mg/l (28 d, Rainbow trout)
NOEC chronic crustacea	>= 200 mg/l (21 d)

copper dinitrate (3251-23-8)	
LC50 fish 1	810 µg/l Common carp (Cyprinus carpio)
EC50 Daphnia 1	33.8 - 792 µg/l
NOEC chronic algae	0.022 mg/l

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9)	
LC50 fish 1	0.19 mg/l Rainbow trout (Oncorhynchus mykiss)
EC50 Daphnia 1	1.02 mg/l

2,2'-iminodiethanol; diethanolamine (111-42-2)	
LC50 fish 1	460 - 5000 mg/l
EC50 Daphnia 1	55 mg/l
ErC50 (algae)	9.5 mg/l
NOEC chronic crustacea	0.78 mg/l

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)	
LC50 fish 1	2.4 mg/l Rainbow trout (Oncorhynchus mykiss)
LC50 fish 2	4.9 mg/l Zebrafish (Danio rerio)
EC50 Daphnia 1	3.2 mg/l
NOEC chronic fish	1 mg/l
NOEC chronic crustacea	0.07 mg/l

Glycerol (56-81-5)	
LC50 fish 1	54000 mg/l Rainbow trout (Oncorhynchus mykiss)
EC50 Daphnia 1	1955 mg/l
EC50 72h algae (1)	> 2900 mg/l
EC50, microorganisms, acute, activated sludge	> 1000 mg/l

sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
LC50, fish, Oncorhynchus mykiss	3.6 mg/l (96 Hours, (OECD 203 method))
EC50, daphnia, Daphnia magna	4.7 mg/l (48 Hours)
ErC50, algae, Desmodesmus subspicatus	> 20 mg/l (72 Hours)
NOEC, fish, long term, Pimephales promelas	< 1.357 mg/l (42 days)
NOEC, long term, Ceriodaphnia dubia	< 0.508 mg/l (7 days)

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (97862-59-4)	
LC50 fish 1	1.11 mg/l
EC50 Daphnia 1	7
EC50 72h algae (1)	2.4 mg/l
NOEC chronic fish	0.16 mg/l

12.2. Persistence and degradability

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt	
Persistence and degradability	Readily biodegradable.
BOD (% of ThOD)	80 - 90 % ThOD

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9)	
Persistence and degradability	Not readily biodegradable.

2,2'-iminodiethanol; diethanolamine (111-42-2)	
Persistence and degradability	Readily biodegradable.

Amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)	
Persistence and degradability	Readily biodegradable.

Glycerol (56-81-5)	
Persistence and degradability	Readily biodegradable.

sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Persistence and degradability	Readily biodegradable.

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (97862-59-4)

Persistence and degradability	Readily biodegradable.
Biodegradation	> 60 % (28 days)

12.3. Bioaccumulative potential

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt

Log Pow	-4
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

2,2'-iminodiethanol; diethanolamine (111-42-2)

Bioaccumulative potential	Not established.
---------------------------	------------------

Amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)

Log Pow	3.75
Bioaccumulative potential	Not established.

Glycerol (56-81-5)

Log Kow	-1.75
Bioaccumulative potential	Not established.

sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)

Log Kow	<= -2.42
Bioaccumulative potential	Bioaccumulation unlikely.

12.4. Mobility in soil

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt

Surface tension	71.5 mN/m @ 1g/L
-----------------	------------------

12.5. Results of PBT and vPvB assessment

Component

reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt ()	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl) ()	PBT: not relevant – no registration required
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (97862-59-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	PBT: not relevant – no registration required

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H226	Flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Apple Hand Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

EUH208	Contains reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H - isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1)(55965-84-9). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product