

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product Name: Anti-Bac Hand Wash Clementine
 Product Code(s): MIN163, MIN115, MIN436

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

Relevant identified uses: A skin-safe liquid soap formulated to cleanse hands and reduce bacteria, supporting effective hygiene through gentle cleansing and antimicrobial action.

Uses advised against: All other uses.

1.3 Details of the supplier of the Safety Data Sheet

Supplier (UK) The Friendly Chemical Co Limited
 Unit 12, Ryefield Way
 Silsden, Keighley
 West Yorkshire
 United Kingdom

Supplier (EU) Miniml Europe BV
 Randwyck, Robert Schumandomein 2
 Maastricht, 6229 ES
 Netherlands

Website www.minimlrefills.co.uk
 Phone Number + 44 (0) 1535 509 003 (9am-4pm Mon-Fri)
 Email hello@miniml.co.uk

1.4 Emergency telephone number

UK – Emergency Telephone + 44 (0) 1535 509 003 (9am-4pm Mon-Fri)
 Alternatively in UK: Contact NHS 111 Telephone 111 (24 hours a day, 7 days a week):
 Website 111.nhs.uk or a doctor

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This product is classified as non-hazardous according to Regulation (EC) No 1272/2008.

2.2 Label elements

This product does not require specific labelling according to Regulation (EC) No 1272/2008.

2.3 Other hazards

PBT/vPvB data

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f)

or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-Ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is not a mixture meeting the criteria for classification in accordance with Regulation (EC) No. 1272/2008.

Ingredients:

NAME	EC No.	CAS No.	GHS CLASSIFICATION	%
Water	231-791-2	7732-18-5	Not classified.	60% – 100%
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	931-534-0	68439-57-6	Skin Irrit. 2, H315	5% – 15%
			Eye Irrit. 2, H319	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts	931-513-6	61789-40-0	Eye Dam. 1, H318	5% – 15%
L-(+)-lactic acid	201-196-2	79-33-4	Skin Irrit. 2, H315 Eye Dam. 1, H318	1% – 5%
Sodium benzoate/ potassium sorbate blend	208-534-8	532-32-1	Skin Irrit. 2, H315	0.1% – 1%
			Eye Irrit. 2, H319	
Sodium chloride	231-598-3	7647-14-5	Not classified.	1% - 5%
Glycerol	200-289-5	56-81-5	Not classified.	0.1% – 1%
Clementine fragrance	-	-	Not classified.	0.1% – 1%

The exact percentages (concentration) of composition have been withheld as a trade secret.

Additional information:

For the full text of the H-statements mentioned in this section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation: Remove victim to fresh air. Seek medical attention immediately.

Following skin contact: If skin problems occur, discontinue use. If symptoms persist, call a physician.

Following eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion: Clean mouth with water and afterwards drink plenty of water.

Protection of first aider: Not applicable.

4.2 Most important symptoms and effects

Symptoms: The known symptoms and effects are described in section 2.2 of this SDS.

Risks: Untreated symptoms may result in additional health risks.

4.3 Indication of any immediate medical and special treatment

The physician may contact the national poison centre for advice.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable extinguishing media: No data available.

5.2 Specific hazards arising from mixture

Carbon oxides.

5.3 Advice for fire fighters

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

5.4 Other information

No other information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes.

6.2 Environmental precautions

No data available.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Recommendations for personal protective equipment selection are noted above. Dispose in accordance with section 13 of this document.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: No unusual handling or storage requirements. Storage in large quantities (as in warehouses) should be in a well-ventilated, cool area.

Incompatible materials: See section 10.

7.3 Specific end uses

See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Control parameters according to the local regulations should be considered.

8.2 Exposure controls

Engineering controls:

Not applicable.

Personal Protective equipment:

Hand: No special protective equipment required.

Body protection: No special protective equipment required.

Eye: No special protective equipment required.

Respiratory: No special protective equipment required.

Other measures: No statement available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Colourless
Odour:	Clementine
Odour threshold:	No data available
pH:	3 – 3.5
Melting point/range:	No data available

Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative Density:	No data available
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Heating may generate the following products: Toxic gases or vapours.

10.5 Incompatible materials

Strong oxidizers, strong acids.

10.6 Hazardous decomposition products

Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

Acute Toxicity (Oral)

Ingredient	CAS Number	LD ₅₀	Test Criteria	Comment
Sodium C14-16 Olefin Sulfonate	68439-57-6	3730 mg/kg (rat)	OECD 401	Not classified
Cocamidopropyl Betaine	61789-40-0	> 5000 mg/kg	OECD 401	Not classified
Lactic Acid	79-33-4	> 2000 mg/kg (rat)	OECD 401	Not classified
Sodium Benzoate	24634-61-5	4070 mg/kg (rat)	OECD 401	Not classified
Potassium Sorbate	532-32-1	4200 mg/kg (rat)	OECD 401	Not classified

Acute Toxicity (Inhalation)

Ingredient	CAS Number	LC ₅₀	Exposure Time	Test Criteria	Comment
Sodium C14-16 Olefin Sulfonate	68439-57-6	No data	No data	No data	Not classified
Cocamidopropyl Betaine	61789-40-0	No data	No data	No data	Not classified
Lactic Acid	79-33-4	No data	No data	No data	Not classified
Potassium Sorbate	532-32-1	No data	No data	No data	Not classified

Acute Toxicity (Dermal)

Ingredient	CAS Number	LD ₅₀	Test Criteria	Comment
Sodium C14-16 Olefin Sulfonate	68439-57-6	6300 mg/kg (rabbit)	OECD 402	Not classified
Cocamidopropyl Betaine	61789-40-0	> 2000 mg/kg (rabbit)	OECD 402	Not classified
Lactic Acid	79-33-4	> 2000 mg/kg (rat)	OECD 402	Not classified
Potassium Sorbate	532-32-1	2000 mg/kg (rat)	OECD 402	Not classified

Skin corrosion/irritation:

Ingredient	CAS Number	Comment	Test Criteria
Sodium C14-16 Olefin Sulfonate	68439-57-6	Irritating to skin	OECD 404
Potassium Sorbate	532-32-1	Mildly irritating to skin	OECD 404
Lactic Acid	79-33-4	Irritating to skin	OECD 404

Serious eye damage/irritation:

Ingredient	CAS Number	Comment	Test Criteria
Sodium C14-16 Olefin Sulfonate	68439-57-6	Causes serious eye damage	OECD 405
Cocamidopropyl Betaine	61789-40-0	Causes serious eye damage	OECD 405
Lactic Acid	79-33-4	Causes serious eye damage	OECD 405
Sodium Benzoate	24634-61-5	Causes serious eye damage	OECD 405
Potassium Sorbate	532-32-1	Eye irritant	OECD 405

Respiratory or skin sensitisation:

No ingredients identified as skin or respiratory sensitisers.

Germ cell mutagenicity / Carcinogenicity / Reproductive toxicity

No classified substances present.

STOT – single/repeated exposure

No classified substances present.

Aspiration hazard:

Not applicable based on composition and physical form.

Likely route(s) of exposure:

Eye exposure are the most likely to occur. Accidental ingestion is also possible.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Based on the available information, this product is not known to contain any substances that have endocrine-disrupting properties as defined in Regulation (EU) 2017/2100 or (EU) 2018/605.

11.2.2 Other relevant information on adverse health effects

No other relevant adverse health effects are known for this product.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Some components are hazardous to aquatic environments:

Ingredient	Fish LC ₅₀ (96h)	Daphnia EC ₅₀ (48h)	Algae IC ₅₀ (72h)
Sodium C14-16 Olefin Sulfonate	5.2 mg/L	4.53 mg/L	4.2 mg/L
Cocamidopropyl Betaine	≈ 1.11 mg/L	6.5 mg/L	0.55 mg/L
Sodium Benzoate	>100 mg/L	>100 mg/L	24.8 mg/L

12.2 Persistence and degradability

Ingredient	CAS Number	Test Criteria	Result / Comment
Sodium C14-16 Olefin Sulfonate	68439-57-6	OECD 301D	80.6% (28 days) / Readily biodegradable
Cocamidopropyl Betaine	61789-40-0	OECD 301B	> 90% (28 days) / Readily biodegradable

12.3 Bioaccumulative Potential

No evidence of significant bioaccumulation for any components.

12.4 Mobility in Soil

Most components are water-soluble and have high mobility.

12.5 Results of PBT and vPvB assessment

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine Disrupting Properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Additional ecological information

Product: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product:**

Dispose of the product in accordance with all applicable local, regional and national laws and regulations. European, International and Member State specific provisions must be considered. Considering the relevant (un)known environmental and human health hazards, take all necessary technical and procedural precautions to prevent occupational exposure and release into the environment.

Waste material:

Treat the disposal of any waste material in the same manner as that of the product.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

ADR/RID/IDMG/IATA: Non-regulated

14.2 UN proper shipping name

ADR/RID/IDMG/IATA: Non-regulated

14.3 Transport hazard class(es)

ADR/RID/IDMG/IATA: Non-regulated

14.4 Packing group

ADR/RID/IDMG/IATA: Non-regulated

14.5 Environmental hazards

ADR/RID/IDMG/IATA: Non-regulated

14.6 Special precautions for user

No statements available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable, as product is not shipped in bulk.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No restrictions applicable, according to appendix XVII of REACH.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Complete text of Globally Harmonized System of Classification and Labelling of Chemicals hazard statements as listed in section 3:

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Further information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.

This SDS conforms with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends (EC) No 2015/830, 453/2010 & 1907/2006)" and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020