SAFETY DATA SHEET

CLEAN SOLUTIONS SANITISING ANTIBACTERIAL CLEANER

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

1.1. Product identifier

Product name	Clean Solutions Sanitising Antibacterial Cleaner
Product number	TWGCS011

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

Identified uses	Disinfection and Cleaning detergent. For Professional use only.
Uses advised against	Not intended for ingestion. Do not use it for any purpose other than those specified.

1.3. Details of the supplier of the safety data sheet

Supplier	The Wholesale Group, Cotswold Business Centre, 2 AP Ellis Road, Upper Rissington, Cheltenham GL54 2QB Tel: +44 (0) 1422 319100

1.4. Emergency telephone number

National emergency telephone number	In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	Not Classified
Precautionary statements	P101 If medical advice is needed, have a product container or label at hand. P102 Keep out of reach of children.

P103 Read label before use.
P15 Restricted to professional users only.
P262 Do not get in your eyes, or on skin or on clothing.
P264 Wash hands thoroughly after handling
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with local Regulations.

Contains	Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))
Detergent Labelling	< 5% Disinfectant

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air immediately. Rinse the mouth and nasal passages with water. Seek medical advice if symptoms or discomfort persists.
Ingestion	Do not give anything by mouth to an unconscious person. Do not induce vomiting. Rinse the mouth thoroughly with water. Obtain medical attention if any discomfort continues.
Skin contact	Rinse the affected area immediately with plenty of water. Remove any contaminated clothing. Seek medical attention if irritation continues after washing.
Eye contact	Rinse eyes immediately with plenty of water. Remove contact lenses if present and easy to do so, then keep eyelids open. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists. Provide the Safety Data Sheet to healthcare personnel.

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

Inhalation	Considered to present a low risk by inhalation under normal workplace conditions. Intentional or excessive inhalation may cause irritation. Move the person to fresh air if symptoms occur.
Ingestion	Ingestion is not expected during normal use. If swallowed, symptoms may include nausea and possible irritation of the gastrointestinal tract. A soapy taste may also be noted.
Skin contact	Prolonged or repeated contact may lead to redness, irritation, or dryness of the skin.
Eye contact	May cause temporary irritation to the eyes.

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

Notes for the doctor No specific recommendation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing Media The product is not flammable. Use fire-fighting media appropriate to the surrounding materials. Suitable extinguishing agents include foam, carbon dioxide (CO_2), or dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion Products Thermal decomposition or combustion may produce carbon oxides and other potentially toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Prevent contaminated fire-fighting water from entering drains, sewers, or watercourses.

Special protective Equipment for firefighters Firefighters should wear positive-pressure self-contained breathing apparatus (SCBA) and suitable protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection see Section 8. Avoid contact with eyes. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spilled material in accordance with Section 13. Prevent release into drains, watercourses, or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop the leak if it is safe to do so. Absorb spilled material using vermiculite, dry sand, or earth, and transfer it to suitable containers for disposal. Wash the affected area with plenty of water. Prevent spillage or contaminated run-off from entering drains, sewers, or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protective equipment, see Section 8. For information on health effects, refer to Section 11. For disposal considerations, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Ensure adequate ventilation during use. Avoid contact with the skin and eyes. Do not mix with other chemicals or cleaning agents.

Advice on general occupational hygiene No special hygiene measures are required; however, good occupational hygiene practices should always be followed when handling chemical products. Wash hands and exposed skin at the end of each work period and before eating, drinking, smoking, or using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a tightly-closed, original container in a dry, cool and well - ventilated place. Store at temperatures between 5°C and 25°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are described in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)) (CAS: 68424-85-1)

DNEL
Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day
Workers - Inhalation; Long term systemic effects: 3.96 mg/m³
General population - Oral; Long term systemic effects: 3.4 mg/kg/day
General population - Dermal; Long term systemic effects: 3.4 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.64 mg/m³

PNEC
- Fresh water; 0.001 mg/l
-Intermittent release, Fresh water; 0 mg/l
-marine water; 0.001 mg/l
-STP; 0.4 mg/l
-Sediment (Freshwater); 12.27 mg/kg
-Sediment (Marinewater); 13.09 mg/kg
-Soil; 7 mg/kg

8.2. Exposure controls

Protective Equipment

Appropriate engineering Controls Ensure adequate ventilation is provided during use.

Eye/face protection No specific eye protection is required under normal conditions of use.

Hand protection	Individuals with sensitive skin should wear suitable protective gloves.
Other skin and body Protection	Wear appropriate work clothing to prevent prolonged or repeated skin contact. Use a suitable skin protection cream to prevent dryness.
Hygiene measures	Maintain good personal hygiene practices. Wash hands and any contaminated skin thoroughly with soap and water before breaks and after finishing work. Apply an appropriate skin cream to prevent drying.
Respiratory protection	Respiratory protection is not normally required.
Environmental exposure controls	Prevent release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Pink
Odour	Odourless.
Odour threshold	Not applicable.
pH	pH (concentrated solution): 10 – 11.5
Relative density	0.98 – 1.00
Solubility(ies)	Soluble in water.
Explosive under the influence of a flame	Not considered to be explosive.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No known reactivity hazards are associated with this product.

10.2. Chemical stability

Stability	Stable under normal ambient conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions are expected under recommended conditions of use.

10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to excessive heat or direct sunlight.

10.5. Incompatible materials

Materials to avoid	No specific incompatible materials are known.

10.6. Hazardous decomposition products

Hazardous decomposition Products	The product does not decompose when stored and used as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Information is based on data for the product's components and similar products.
Other health effects	Does not contain any substances known to be carcinogenic.
Acute toxicity - oral **Notes (oral LD_{50})**	Not classified. Available data do not meet the classification criteria.
Acute toxicity - dermal **Notes (dermal LD_{50})**	Not classified. Available data do not meet the classification criteria.
Acute toxicity - inhalation **Notes (inhalation LC_{50})**	Not classified. Available data do not meet the classification criteria.
Skin corrosion/irritation **Skin corrosion/irritation**	Not classified. No evidence of skin corrosion or irritation under normal use.
Serious eye damage/irritation **Serious eye damage/irritation**	Not classified. May cause temporary eye irritation.
Respiratory sensitisation **Respiratory sensitisation**	Not sensitising. Available data do not meet the classification criteria.
Skin sensitisation **Skin sensitisation**	Not classified. Based on available data the classification criteria are not met.
Germ cell mutagenicity **Genotoxicity - in vitro**	Not classified. No substances known to be skin sensitising or mutagenic.
Carcinogenicity **Carcinogenicity**	Does not contain substances known to be carcinogenic.

Reproductive toxicity Does not contain substances known to affect fertility or reproduction.
Reproductive toxicity - fertility

Specific target organ toxicity - single exposure
STOT - single exposure Not classified as causing specific target organ toxicity.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure Not classified as causing specific target organ toxicity.

General information This product has low toxicity

Ingestion May cause irritation. Symptoms of overexposure may include stomach pain, nausea, vomiting, or diarrhoea.

Skin contact Prolonged or repeated exposure may cause dryness or cracking; otherwise, skin irritation is not expected when used as recommended.

Eye contact May cause temporary irritation.

Toxicological information on ingredients.

SECTION 12: Ecological Information

Ecotoxicity No ecotoxicological data are available for this product.

12.1. Toxicity

Toxicity Based on available information, it is not classified as hazardous to the aquatic environment and is not expected to be toxic to aquatic organisms, including fish.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) in this product meet the biodegradability requirements set out in the Detergents Regulations (as amended).

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is soluble in water and may disperse in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Generation of waste should be minimised or avoided wherever possible.

Disposal methods Empty containers completely (ensure they are drip-free). Rinse thoroughly with plenty of water. Collect waste packaging for reuse or recycling where facilities exist. Dispose of any remaining packaging via a licensed waste disposal contractor in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. Not applicable

SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EH40/2005 Workplace exposure limits.
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI

2020 No. 1577) (as amended).
The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).
The Detergents Regulations 2010 (SI 2010 No. 740) (as amended).
The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended).
The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU Legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)
European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)
European Regulation (EC) No 648/2004 on detergents (as amended)
European Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products (BPR) as amended
Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006. Waste Material Code 91/689/EEC

Guidance

ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.
EH40/2005 Workplace exposure limits
COSHH Essentials.

15.2. Chemical safety assessment

No data available on this product.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance
vPvB: Very Persistent and Very Bioaccumulative.

Date

27/11/2025

SDS Number

271125

Hazard statements in full

Not Classified.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.