

SAFETY DATA SHEET WASHROOM CLEANER & SANITISER SUPER CONCENTRATE

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

1.1. Product identifier

Product name WASHROOM CLEANER & SANITISER SUPER CONCENTRATE

Product number FHSB9, FHSBH9

Internal identification CL3021, CL3022

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

Identified uses Detergent/Disinfectant. For professional use only. Disinfectants must be used responsibly in

line with manufacturer's instructions.

Uses advised against Not for direct contact with Food or Beverage stuffs. Not for oral consumption.

1.3. Details of the supplier of the safety data sheet

Supplier Bunzl UK & Ireland

(UK) PrimeSource, PO BOX 15247, Birmingham, B23 3HN, UK - Tel: +44 (0) 8085 749 312 (IE) PrimeSource, Unit D9, Horizon Logistics Park, Swords, Co.Dublin, K67 N4T2, Ireland -

Tel: +353 (0)1 630 1800

Cleanline® is a registered trademark of Bunzl UK Itd

info@prime-source.co.uk

1.4. Emergency telephone number

Emergency telephone Out of Office Hours Emergency Information:-

For accidents and spillages involving this product that pose a threat to the environment, or

human health, or require immediate first aid advice call:- +44(0) 7050 265597.

Note:- This number will not accept order queries or calls dealing with equipment breakdowns. This product is registered with the NPIS. UK Environment Agency 24hour Advisory Service 0800 807060. Irish Environmental Protection Agency 1890 335599 (This is a Lo Call Number)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms





Signal word Warning

WASHROOM CLEANER & SANITISER SUPER CONCENTRATE

Hazard statements H315 Causes skin irritation.

H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/ attention.

P501 Dispose of contents/ container in accordance with national regulations.

Detergent labelling < 5% amphoteric surfactants, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5%

non-ionic surfactants, < 5% perfumes, Contains AMYL CINNAMIC ALDEHYDE

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM

1<5%

SALT

CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-

2119486762-27

Classification

Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

1-2%

Classification

Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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DIDECYL DIMETHYL AMMONIUM CHLORIDE

<1%

CAS number: 7173-51-5 EC number: 230-525-2

M factor (Acute) = 10

Classification

Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

SODIUM HYDROXIDE <1%

CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-

2119457892-27

Classification

Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318

The full text for all hazard statements is displayed in Section 16.

Composition comments The Biocidally Active components of this product are supported in the Biocidal Products

Regulation.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information When it is safe to do so, remove victim immediately from source of exposure. However,

consideration should be given as to whether moving the victim will cause further injury. For

immediate First Aid advice in the UK, dial 111.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and

keep warm and at rest in a position comfortable for breathing. If breathing stops, provide

artificial respiration. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the

side in the recovery position and ensure breathing can take place. Get medical attention.

Skin contact Remove contaminated clothing that is not stuck to the skin. Flush area with clean water.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of

water. Continue to rinse for at least 15 minutes and get medical attention.

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

General information Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild

irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.

Inhalation Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat,

mouth and nose.

Ingestion Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of

the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the

mouth, throat and GI tract may occur.

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Skin contact Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Chemical burns are possible after prolonged contact. Use solutions may cause mild irritation,

especially to open cuts and abrasions.

Eye contact May result in permanent eye damage.

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

Notes for the doctorContains a blend of Chelating agents, Surfactants and Cationic Biocides in aqueous solution.

Rinse well with water to neutral pH.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted. The product is non-combustible. On heating

irritating fumes may be formed.

5.3. Advice for firefighters

Protective actions during

firefighting

Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the

Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of

any environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into

containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled

with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections See sections 8,12 & 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear suitable protective equipment for prolonged exposure and/or high concentrations of

vapours, spray or mist. Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed. Keep only in the original container. Store in a demarcated

bunded area to prevent release to drains and/or watercourses. Store between 0 and 40

Degrees C. Store away from:- Chlorinated Detergents and Disinfectants.

7.3. Specific end use(s)

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Specific end use(s) Detergent/Disinfectant. Refer to Product Data sheet.

Usage descriptionThis product is suitable for cleaning food process plants, it is not suitable for direct food

contact.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments

Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance. DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006), and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT (CAS: 64-02-8)

DNEL Professional - Inhalation; Long term systemic effects: 1.5 mg/m³

PNEC - Fresh water; 2.86 mg/l

marine water; 0.286 mg/lIntermittent release; 1.56 mg/lSoil; 0.937 mg/kg, mg/kg dwt

- STP; 55.94 mg/kg

CITRIC ACID (CAS: 5949-29-1)

PNEC - Fresh water; 0.44 mg/l

- marine water; 0.044 mg/l

- STP; >1000 mg/l

Sediment (Freshwater); 34.6 mg/kgSediment (Marinewater); 3.46 mg/kg

- Soil; 33.1 mg/kg

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1.0 mg/m³

DNEL data for Professional users is not yet available, but it is assumed to be the

same as for Industrial users.

Industry - Dermal; Short term local effects: 2%

PNEC No information is available for PNEC data for Sodium Hydroxide

8.2. Exposure controls

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Protective equipment









Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.

Eye/face protection

The following protection should be worn: Chemical splash goggles. Refer to EN Standard 166 to select appropriate level of protection.

Hand protection

Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary. Refer to Standard EN 374 and EN 16523

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

Hygiene measures

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse.

Respiratory protection

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit. In the case of dust or aerosol formation (eg spraying), or vapour from hot vessels, use respiratory protection with an approved filter (P2).

Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.

General Health and Safety Measures.

The above requirements refer to the neat product. A 5% solution of this product would not be classified. However, we would recommend eye protection if there is a risk of splashing, also use of gloves. A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals. Alkyl Benzyl Dimethyl Ammonium Chloride has been linked to skin sensitisation by prolonged or repeated exposure. Use of gloves is recommended.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour RED - PINK

Odour Perfume.

Odour threshold Not applicable.

pH (concentrated solution): 9 - 10 pH (diluted solution): 7 - 8 @ 3%v/v

Melting pointNot applicable.Initial boiling point and rangeNot applicable.Flash pointNot applicable.Evaporation rateNot applicable.

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Evaporation factor Not applicable. Flammability (solid, gas) Not applicable.

Upper/lower flammability or

explosive limits

Not applicable.

Vapour pressure Not applicable. Vapour density Not applicable.

Relative density 1.03 @20 Degrees C

Bulk density Not applicable. Solubility(ies) Soluble in water.

Partition coefficient Not applicable. Not technically practical for mixtures.

Auto-ignition temperature Not applicable. **Decomposition Temperature** Not applicable. Not determined. Viscosity

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties Not applicable. Contains no Oxidising Components.

Not applicable.

9.2. Other information

Explosive properties

Refractive index Not applicable. Particle size Not applicable. Molecular weight Not applicable. Volatility Not applicable. Saturation concentration Not applicable. Critical temperature Not applicable. Volatile organic compound Not applicable.

Explosive Properties Not Classified as Explosive

Storage Temperature Range 0 to + 40 Degrees C

SECTION 10: Stability and reactivity

10.1. Reactivity

Not expected to react when correctly stored and used. Mixing with other chemicals may Reactivity

produce unexpected reactions.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

10.3. Possibility of hazardous reactions

Possibility of hazardous

Refer to section 10.1.

reactions

10.4. Conditions to avoid

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Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Do not mix with Hypochlorite based chemicals this could result in a hazardous reaction

producing heat, CO2 and O2.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended. - See section 10.5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 16,860.92

Acute toxicity - inhalation

ATE inhalation (dusts/mists

39.47

mg/l)

Skin sensitisation

Skin sensitisation Alkyl Benzyl Dimethyl Ammonium Chloride has been linked to skin sensitisation by prolonged

or repeated exposure. Use of gloves is recommended.

Carcinogenicity

Carcinogenicity The components of this formulation will not be systemically available in the body under normal

conditions of handling. As a consequence it is not expected to cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility The components of this formulation will not be systemically available in the body under normal

conditions of use and handling. As a consequence it is not expected to be toxic to the

reproductive system or developing foetus.

General information See section 4.2.

Inhalation Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat,

mouth and nose. - See section 4.2.

Ingestion Unlikely route of exposure without deliberate abuse. There may be soreness and redness of

mouth and throat. A soapy taste may be reported. May cause irritation/discomfort to mucous

membranes.

Skin contact Under normal conditions of use exposure time will be short and the likelihood of causing skin

irritation will be very low. Prolonged or repeated contact of in use solutions with skin may cause redness, itching, irritation and eczema/chapping. Use solutions may cause mild

irritation especially to open cuts and abrasions.

Eye contact May cause permanent eye injury.

SECTION 12: Ecological information

EcotoxicityThis product is classified as very toxic to aquatic life, this refers to the neat product. Normal

use is not expected to pose a risk.

12.1. Toxicity

Acute aquatic toxicity

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Acute toxicity - fish Normal use of diluted product is unlikely to pose a risk.

See note 12.0.

To the best of our current knowledge, the main ecotoxicological effect is due to the Alky Benzyl Dimethyl Ammonium Chloride and Didecyl Dimethyl Ammonium Chloride, for which

the following data is available :-

Alkyl Benzyl Dimethyl Ammonium Chloride:-

The EC50/48h value for Daphnia is 0.03mg/l.

The EC50/96h value for Selenastrum capricornutum is 0.06mg/l.

The LC50/96h value for Rainbow Trout is 1.7 mg/l.

Behaviour in sewage processing plants - EC20 / 0.5hr = 10mg/l (Activated Sludge).

Didecyl Dimethyl Ammonium Chloride:-

The EC(50)/48hr Value for Daphnia magna is 0.062mg/l.

The LC(50)/96hr for fathead minnow is 0.19mg/l

Toxicity to bacteria in activated sewage sludge (EC50)/3hr = 11mg/l

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria

as laid down in the European Detergents Regulation No 648/2004 as amended.

12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to bioaccumulate.

Partition coefficient Not applicable. Not technically practical for mixtures.

12.4. Mobility in soil

Mobility The product contains substances which are water soluble and may spread 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 determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be

considered. Do not mix with other chemicals.

Disposal methodsDisposal of this product, process solutions, residues and by-products should at all times

comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Small volumes of use solution can be disposed of to sewers.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

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14.2. UN proper shipping name

Proper shipping name (ADR/RID)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL BENZYL

DIMETHYL AMMONIUM CHLORIDE, DIDECYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL BENZYL

DIMETHYL AMMONIUM CHLORIDE, DIDECYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL BENZYL

DIMETHYL AMMONIUM CHLORIDE, DIDECYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL BENZYL

DIMETHYL AMMONIUM CHLORIDE, DIDECYL DIMETHYL AMMONIUM CHLORIDE)

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID label 9

IMDG class 9

ICAO class/division 9

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-A, S-F

Emergency Action Code •3Z

Hazard Identification Number 90

(ADR/RID)

Tunnel restriction code (E)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

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Classification and Labelling of Chemicals (GB CLP) and considers UK National REACH

legislation.

Also UK Biocides Regulations.

EU legislation European Regulation (EC) No 1272/2008 (as amended) on Classification, Labelling and

Packaging of Substances and Mixtures.

Also considered is the REACH Regulation (EC) No.1907/2006 (as amended). REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal

products. [BPR]

15.2. Chemical safety assessment

Pcs Information A suspension concentrate containing 2%wt/wt Alkyl Benzyl Dimethyl Ammonium Chloride and

0.5% Didecyl Dimethyl Ammonium Chloride. Authorisation Holder Holchem Laboratories Ltd.

PCS Number PCS No:- 96777

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

NPIS - National Poisons Information Service.

vPvB - Very Persistent, Very bioaccumulative.

PBT - Persistent, Bioaccumulative & Toxic.

REACH - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC

1907/2006).

DNEL - Derived No Effect Limit.

PNEC - Predicted No Effect Concentration.

COSHH - Control of Substances Hazardous to Health.

 $\ensuremath{\mathsf{LC50}}$ - Lethal Concentration 50 - The environmental contamination at which 50% mortality is

reached over a fixed time scale.

LD50 - Lethal Dose 50 - The dose at which 50% of the tested group will die.

Industry - Refers in section 8 to application of the substance in an industrial process. Professional - Refers in section 8 to application/use of the preparation/product in a skilled

trade premises.

General information

This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document.

They are not the final classification, for this refer to section 2. PCS No:- 96777

Revision comments Review to align with UK and EU regulations Post Brexit Addition of internal identifier Logo

updated.

Revision date 16/12/2021

SDS number 26901

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Hazard statements in full H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

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.

REACH extended MSDS comments

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevent recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios.

Where Exposure Scenarios have been provided for substances used in this product, the

relevent information is incorporated into the safety data sheet.

END OF SAFETY DATA SHEET

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.