

Safety Data Sheet

CAS

Updated: 19/07/2018

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1. Chemical Product and Company Information

Formulation Name/s: CAS

Product Description: Concentrated general-purpose surface disinfectant.

Product Codes & Barcodes:

	20L:	5L:	1L:	1L Dosing:	500mL:
CAS	CSS1	CSS2	CSS5	CSS5d	CSS3
	6009686750500	6009686750517	6009686750807	6009686752337	6009686750524

Recommended Uses:

Healthcare Surface Disinfection. Antimicrobial fogging of hygiene-sensitive areas.

Instructions For Use:

Dilute CAS at 1:100 (e.g. 5mL product with 500mL water). Thoroughly clean and rinse surfaces, and then spray the solution uniformly from a distance of about 30cm away. Allow to dry naturally, with a minimum of 5 minutes before using the surface again. Repeat as often as required by your Infection Control Protocol (suggested Protocols available on request).

Shelf-Life:

In original packaging prior to dilution = 24 months.

Once decanted and or diluted: Mix enough for immediate use only and discard within 7 days if unused.

Restrictions of Use: Not to be mixed with other chemicals. Must be used on thoroughly precleaned and rinsed surfaces.

HazChem Code: N/A

IN/UN No: N/A

Manufacturer's Details:

Name: PrimeSafe (Pty) Ltd trading as SteriTech

Postal Address: P.O. Box 1338, Kloof, 3640

Physical Address: 1 Bohnevista, 25 Payne Street,
Pinetown, 3610, KZN, RSA

Factory Address: Plot 2, 5 Star Business Park,
2 Juice Street, Honeydew,
Gauteng, RSA



Tel: +27 31 702 7656

Alternate Tel: +27 31 702 7497

Fax: +27 31 702 3659

Emergency Tel: +27 82 852 9160

Website: www.steritech.co.za

Email: info@steritech.co.za

Company Registration No.: 1996/014838/07

MCC/SAHPRA License No.: 00000018MD



2. Hazards Identification

Main Hazard: Eye irritant (conc.), Mild eye irritant (dilute)

Flammability: Non-flammable

Biological Hazard: Refer to Sections 6 & 12.

Reproduction Hazard: None

Health Effects (Eyes): Category 2B Irritant

Health Effects (Skin): Mild irritant (Category 5)

Health Effects (Inhalation): Can cause sensitisation

Health Effects (Ingestion): Internal irritant (Category 5) - May cause nausea and or discomfort (vol>0.005m³ (5L)).

Carcinogenicity: None

Mutagenicity: None

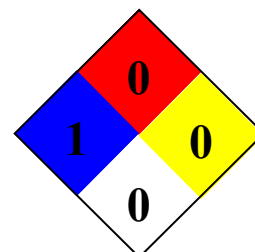
Neurotoxicity: None

Chemical Hazard: Do NOT mix with other chemicals

Hazard Class: Non-hazardous

Category: See notations on left

Pictogram:



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3. Composition

Component:	Labelling:	CAS-No:	Concentration:
Alkyl dimethyl benzyl ammonium chloride	R22-R34-R50	68391-01-5	<0.4%%
Alkyl dimethyl ethylbenzyl ammonium chloride	R22-R34-R50	68956-79-6	<0.4%%
Tributyl Tin Oxide			<0.03%
Isopropylol			<1%
Inert Ingredients			<98%

4. First-aid Measures

Product on Skin: Concentrate - rinse affected area thoroughly with water. Dilute - None necessary (rinse area with water if preferred).

Product Inhaled: None necessary.

Product In Eye: Flush eye with cool running water for 10 - 15 minutes. Acute affect: Redness may occur, but should dissipate within 30 minutes. Delayed affect: If redness persists, consult a doctor. Most important symptoms: Slight burning & possible redness

Product Ingested: Do not induce vomiting. Rinse out mouth and then drink a large glass of milk.

Acute affect: Nausea may occur at ingested volumes > 5L (0.005m³). Delayed affect: None indicated or anticipated in normal cases, however, it is suggested that you inform your doctor so that advice can be given based on your individual medical history.

5. Fire-fighting Measures

Extinguishing Media: Any available means is suitable, including dry chemical, CO₂, halon, water spray or alcohol foam.

Specific Extinguishing Methods: None necessary.

Special Hazards: Spills can cause slippery floors.

Protective Clothing: None outside of standard precautionary gear and breathing apparatus.

6. Accidental Release Measures

Personnel Precautions: Wear latex gloves when handling concentrate.

Environmental Precautions: Do not release into natural waterways in volumes in excess of 5L (0.005m³).

Small Spills: Display warning of slippery floors. Flush away with lots of water & mop area.

Large Spills: Display warning of slippery floors. Contain with an inert material. Collect and dispose with normal refuse.

Secondary Disaster Prevention Methods: As per environmental precautions above.

7. Handling & Storage

Suitable storage material: Any air-tight container made of packaging material suitable for holding liquids.

Storage precautions: Store between +5°C & +35°C, out of reach of direct sunlight. Keep container closed when not in use. Keep out of reach of children. Store away from foodstuffs.

Suitable handling material: Any air-tight container made of packaging material suitable for holding liquids.

Handling precautions: Ensure container is sealed to prevent spillage as this may result in slippery conditions.

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8. Exposure Controls and Personnel Protection

Occupational Exposure Limits (OEL-RL): None available
Personnel Protection (Respiratory): None
Personnel Protection (Skin & Body): None
Personnel Protection (Hands): Latex, Rubber or Neoprene gloves for concentrate.
Personnel Protection (Eyes): Safety goggles if splashing is likely to occur.

BUT OHSA requires the use of eye protection & good ventilation when mixing, handling or discarding chemical disinfectants, and HICPAC Guidelines recommend the use of disposable plastic aprons & latex gloves when mixing, handling or disposing chemical agents.

9. Physical & Chemical Properties

Appearance: Translucent yellow liquid
Odour: Mild chemical odour
pH: 9.0 - 10.0 (conc. & dilute)
Boiling Point: 98.89°C
Melting Point: Not Applicable
Flash Point: Not Applicable
Flammability: Non-flammable
Auto-ignition Temperature: Not Applicable

Explosive Properties: None
Vapour Pressure: 2.3kPa @ 20°C
Density: 1.005 Kg/L @ 20°C
Vapour Density: Unknown
Solubility (Water): Complete
Solubility (Solvents): Insoluble
n-octanol/water partition coefficient: Not Applicable
Decomposition Temperature: Unknown

10. Stability and Reactivity

Conditions to Avoid: Use on surfaces or equipment where it might come into direct contact with the items mentioned below.

Incompatible Materials: Strong oxidants, natural soaps and anionic detergents

Hazardous Decomposition Products: None

Warning: Product failure could result if mixed with other chemicals

11. Toxicological Information

Acute Toxicity: LD50 (oral, rat) > 5g/Kg;
LD50 (dermal, rat) > 180g/Kg

Skin & Eye Contact: Refer to Section 3

Aspiration Hazard: None indicated

Chronic Toxicity: None

Carcinogenicity: None

Neurotoxicity: None

Mutagenicity: No adverse mutagenic effects indicated

Reproductive toxicity: No adverse reproductive effects indicated

Specific target organ toxicity: Single exposure - None;
Repeated exposure - None anticipated.

12. Ecological Information

Aquatic Toxicity (Fish, Daphnia & Algae):
Toxic in concentrations > 0.0003% of total waterway volume.
Biodegradability: Yes

Bio-Accumulation: No Bio-Accumulation indicated
Mobility in soil: None indicated

13. Disposal Considerations

Disposal Methods: Dispose of any used, unused or expired product by diluting with water at 1:200 and flushing down a drain which does not empty into a natural waterway.

Disposal of Packaging: Bottle and lid are recyclable - rinsing prior to recycling or disposal is not necessary.

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14. Transport Information

UN No: Not Applicable

Substance Identity: Concentrated Liquid Disinfectant

Hazard Class: Non-Hazardous

Proper Shipping Name: Disinfectants (Other)

Packaging Group: Not Applicable

Marine Pollutant: Yes in volumes in excess of 500L (5m³)

Special Precautions: Store between +5°C & + 35°C, out of reach of direct sunlight.

15. Regulatory Information

Risk Phrases:

R22 - Harmful if swallowed

R36/R38 - Irritating to eyes & skin

R52 - Harmful to aquatic organisms

Safety Phrases:

S2 - Keep out of reach of children

S24/S25 - Avoid contact with eyes & skin

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37 - Wear suitable gloves

S47 - Keep at temperature not exceeding +35°C

S61 - Avoid release to the environment.

EEC Hazard Classification: Non-hazardous

National Legislation:

Act 5 of 2008 (National Regulator for Compulsory Specifications Act, incorporating Act 54 of 1974 (Foodstuffs, Cosmetics and Disinfectants): **ACT29GNR529/242056/040/497**

Act 101 of 1965, as amended (Medicines and Related Substances Act): **Pending**

International Legislation: Dependant on country of sale and or use. Please check local requirements in country of use prior to purchase and ascertain necessary registration from local supplier.

Tariff Heading / HS Code: 3808.94

16. Other Information

Use Indicators:



For further product information please request the Product Leaflet, Industry-specific Use Protocols and or Batch-dependant Certificate of Analysis (CoA) from your supplier.

17. Disclaimer

The recommendations contained herein are based on laboratory tests and in-field use experience, as well as data provided on the constituent chemicals. This data is, to the best of our knowledge, accurate. Since terms and conditions of actual storage, handling, disposal or usage are beyond our control; all recommendations are made without warranty, express or implied.

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