

MATERIAL SAFETY DATA SHEET



1. Product and Company Identification

PRODUCT NAME: CLEANER SANITIZER

ADDRESS: HYGIENE DIRECT GROUP
607 Rosebank Road
Avondale
Auckland

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EMERGENCY: INTERNATIONAL +643 479 7227
NEW ZEALAND: NATIONAL 0800 764 766

2. Hazards Identification

Hazardous Substances & New Organisms Act (HSNO) 1996 & Classification Regulations 2001 for the product of this concentration:

6.1E	May be harmful if swallowed or skin contact occurs	6.5B	May cause an allergic skin reaction
6.3A	Causes skin irritation	6.9B	May cause damage to body organs
6.4A	Causes eye irritation	9.1C	Harmful to aquatic life with long lasting effects
6.5A	May cause allergy or asthma symptoms or breathing difficulties if inhaled		

Cleaning Products Subsidiary Hazards Group Standard: HSR No 2530

3. Composition and Information on Ingredients

Benzalkonium chloride (CAS#8001-54-5)	12.5 g per litre
Nonionic surfactants	2-10%
Builders	2-10%
Colouring	<2%
Water	>50%

4. First Aid Measures

CONTACT WITH EYES:

Rinse eyes with running water holding back eyelids for 5 minutes. If irritation persists seek medical advice.

CONTACT WITH SKIN:

Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.

The use of PPE is required when manual handling this product in its concentrated form – once diluted or ready to use it does not require PPE, although it is a good practice to use PPE when using chemicals of any nature.

AFTER INHALATION:

A non-volatile compound in normal use. But if subject to vaporization remove the patient from exposure to a restful location and seek medical advice if symptoms persist. If clothing is contaminated, remove and wash before reuse.

AFTER INGESTION:

Do Not Induce Vomiting. Administer 2 glasses of water or milk and seek medical advice if discomfort persists.

ADVICE TO DOCTOR:

Treat the patient for exposure to material with mild toxic effects. Have this SDS or a product label on hand.

5. Fire Fighting Measures

The product is neither flammable nor combustible.

Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.

Fire fighters may use water spray, jet, fog, foam, CO₂, or dry chemical powder to extinguish a fire in the vicinity.

6. Accidental Release Measures

Spill on the floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate. Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralized where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags paper, sand or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.

Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbent material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralizing the spilt product.

7. Handling and Storage

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit.

Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.

After use, always replace lids and caps and return to safe storage as soon as possible.

There are no specific transport restraints for this material in secure containers.

8. Exposure Controls/Personal Protection

EXPOSURE CONTROLS:

No data is available for Saintize-it. No WES is available for Benzalkonium chloride.

EYE PROTECTION:

Safety glasses.

PROTECTIVE CLOTHING:

Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).

RESPIRATORY PROTECTION:

Not required for the regular use of this product. If the liquid is being vaporized, a face shield and/or respirator may be required. These operations should be carried out by trained personnel only.

VENTILATION:

Where spraying or vaporizing is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

9. Physical and Chemical Properties

Appearance:	Clear blue coloured liquid
Odour:	No perfume
PH:	10±0.5
Flash Point:	Not available
Ignition Point:	Not available
Specific Gravity:	1.02±0.01
Refractive Index:	1.352 ± 0.005 13 Bx
Viscosity:	Not applicable
Relative Foam:	Medium
Solubility in Water:	Completely in all proportions

10. Stability and Reactivity

Sanitizer is considered stable under normal storage conditions.
Avoid contamination with oxidizing substances.
Hazardous of this product will release oxides of carbon and nitrogen.

11. Toxicological Information

No data is available for Sanitizer.

For Benzalkonium chloride: LD50 Rat 1420 mg/kg

LD50 mouse 150 mg/kg

12. Ecological Information

No data is available for Sanitizer.

For Benzalkonium chloride: LD50 fathead minnow 0.28 mg/l 96 hr exposure.

EC50 daphnia magna 0.006 mg/l 48 hr exposure.

13. Disposal Considerations

Minor spilled liquids (after neutralization) may be disposed of through town wastewater systems where these are authorized for industrial use.

Major spills, which have been collected by machine or an absorbents, should be disposed of by waste disposal experts in accordance with local regulations.

Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

14. Transport Information

NZ Land Transport Rule: Dangerous Goods Rule 2005.

Classifieds are not dangerous for Land Transport in New Zealand

15. NZ Regulatory Information

Hazardous Substances Act (HSNO) 1996 & Classification Regulations 2001 for the product of this concentration:

Cleaning Products Subsidiary Hazards Group Standard: HSR No. 2530.

HSNO Act Controls Regulations 2001 for Sanitizer:

Wear gloves and eye safety glasses handling this product.

Use good well defined measures to make dilutions

Use buckets to dilute this product before use.

Keep unused product in secure containers to prevent mistaken use

Label or mark containers used to hold this product.

NZFSA Approved C41 (all animal product except dairy).

16. Other Information

Issued: 1st August 2020

This SDS will be reviewed no later than 5 August 2025