



SAFETY DATA SHEET

BC2 - SANITISER

Infosafe No.: 7EFC8
ISSUED Date : 07/03/2017
ISSUED by: JASOL NEW ZEALAND

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

BC2 - SANITISER

Product Code

2210040, 7109020

Company Name

JASOL NEW ZEALAND

Address

81 Leonard Road
Mt. Wellington Auckland
1060 New Zealand

Telephone/Fax Number

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Emergency phone number

0800 243 622

Emergency Contact Address

North Island:
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Phone: +64 9 5802105
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105 Rutherford Street, Christchurch 8023
Phone: +64 3 3844433
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(24 hour a day available)

0800 243622

E-mail Address

jasolnzorders@gwf.com.au

Recommended use of the chemical and restrictions on use

No rinse sanitiser in food processing areas.
No rinse sanitising: 1 part in 250 parts of water.
Sanitising followed by potable water rinse: 1 part in 25-50 parts of water.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous

Goods on Land.

6.3B Substance that is mildly irritating to the skin

6.4A (Mild irritant) - Substance that is irritating to the eyes

6.5A Substance that is a respiratory sensitiser

6.5B Substance that is a contact sensitiser

Signal Word (s)

DANGER

Hazard Statement (s)

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

H320 Causes eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Pictogram (s)

Exclamation mark, Health hazard



Precautionary statement – Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P285 In case of inadequate ventilation wear respiratory protection.

Precautionary statement – Response

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

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P363 Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Benzyl-C8-18-alkyldimethylammonium chloride	63449-41-2	<5%
Water	7732-18-5	Remainder

4. FIRST-AID MEASURES

Inhalation

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

Ingestion

- For advice, contact a Poisons Information Centre or a doctor.

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

Skin

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

Eye contact

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Advice to Doctor

- Treat symptomatically.

For exposures to quaternary ammonium compounds;

. For ingestion of concentrated solutions (10% or higher): Swallow promptly a large quantity of milk, egg whites / gelatin solution. If not readily available, a slurry of activated charcoal may be useful. Avoid alcohol. Because of probable mucosal damage omit gastric lavage and emetic drugs.

. For dilute solutions (2% or less): If little or no emesis appears spontaneously, administer syrup of Ipecac or perform gastric lavage.

. If hypotension becomes severe, institute measures against circulatory shock.

. If respiration laboured, administer oxygen and support breathing mechanically. Oropharyngeal airway may be inserted in absence of gag reflex.

Epiglottic or laryngeal edema may necessitate a tracheotomy.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

-The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

In such an event consider:

. foam.

Hazards from Combustion Products

- Non combustible.
- Not considered to be a significant fire risk.
- Expansion or decomposition on heating may lead to violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).

Decomposition may produce toxic fumes of: carbon dioxide (CO₂), nitrogen oxides (NO_x), chlorides.

Hazchem Code

None allocated

Decomposition Temperature

Not Available

Other Information

FIRE INCOMPATIBILITY

- None known.

PERSONAL PROTECTION

Glasses: Safety Glasses

Gloves: PVC chemical resistant type

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.

Personal Protection

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- DO NOT allow clothing wet with material to stay in contact with skin.
- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Avoid contact with incompatible materials.

Storage Regulations

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

Recommended Materials

SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

EXPOSURE CONTROLS

The following materials had no OELs on our records

- benzyl C8- 18 alkyl dimethyl ammonium chloride: CAS:63449- 41- 2 CAS:51668- 62- 3
- water: CAS:7732- 18- 5

Personal Protective Equipment

EYE

- . Safety glasses with side shields.
- . Chemical goggles.
- . Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

HANDS/FEET

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:

- . frequency and duration of contact,
- . chemical resistance of glove material,
- . glove thickness and
- . dexterity.
- . Wear chemical protective gloves, eg. PVC.

- . Wear safety footwear or safety gumboots, eg. Rubber. NOTE:
- . The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
- . Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.

OTHER

- Overalls.
- P.V.C. apron.
- Barrier cream.
- Skin cleansing cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear, greenish, mobile, slightly frothing liquid with no odour; mixes with water.

Colour

Green

Odour

Odourless

Decomposition Temperature

Not Available

Melting Point

Not Available

Boiling Point

100°C

Solubility in Water

Miscible

Specific Gravity

1.0

pH

pH (1% solution) = Not available

pH (as supplied)= 7

Vapour Pressure

Not Available

Vapour Density (Air=1)

Not Available

Evaporation Rate

Not Available

Viscosity

Not available

Volatile Component

Not available

Flash Point

Not Applicable

Auto-Ignition Temperature

Not Applicable

Explosion Limit - Upper

Not Applicable

Explosion Limit - Lower

Not Applicable

Molecular Weight

Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability

Product is considered stable.

Incompatible materials

For incompatible materials - refer to Section 7 - Handling and Storage.

Hazardous Polymerization

Hazardous polymerisation will not occur.

Other Information**CONDITIONS CONTRIBUTING TO INSTABILITY**

- Presence of incompatible materials.

11. TOXICOLOGICAL INFORMATION

Ingestion

- Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

☒- Limited evidence exists, or practical experience suggests, that the material may cause eye irritation in a substantial number of individuals and/or

is expected to produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.

Inhalation

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Skin

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye

The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

Chronic Effects

- Limited evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a significant number of individuals at a greater frequency than would be expected from the response of a normal population.

Pulmonary sensitisation, resulting in hyperactive airway dysfunction and pulmonary allergy may be accompanied by fatigue, malaise and aching.

- There exists limited evidence that shows that skin contact with the material is capable either of inducing a sensitisation reaction in a significant number of individuals, and/or of producing positive response in experimental animals.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

Other Information**TOXICITY AND IRRITATION**

- Not available. Refer to individual constituents.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
benzyl C8- 18 alkyldimethylammonium chloride	-	LOW	-	
water	LOW	LOW	HIGH	

13. DISPOSAL CONSIDERATIONS

Waste Disposal

- Recycle where possible
- Otherwise ensure that:
- licenced contractors dispose of the product and its container.
 - disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None allocated

Sub.Risk

None allocated

Hazchem Code

None allocated

UN Number (Sea Transport)

None allocated

UN Number (Road Transport)

None allocated

UN Number (Air Transport, ICAO)

None allocated

IATA/ICAO Hazard Class

None allocated

IATA/ICAO Packing Group

None allocated

IATA/ICAO Sub Risk

None allocated

IMDG UN No

None allocated

IMDG Hazard Class

None allocated

IMDG Pack. Group

None allocated

IMDG Subsidiary Risk

None allocated

15. REGULATORY INFORMATION

Regulatory information

This substance should be managed in accordance with the requirements specified in the Cleaning Products (Subsidiary Hazard) Group Standard 2006, HSNO Approval Number HSR002530.

National and or International Regulatory Information

Regulations for ingredients

benzyl C8-18 alkyldimethylammonium chloride (CAS: 63449-41-2,51668-62-3) is found on the following regulatory lists;
"New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Timber Preservatives, Antisapstains and Antifouling Paints", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Veterinary Medicines", "New Zealand Inventory of Chemicals (NZIoC)"

water (CAS: 7732-18-5) is found on the following regulatory lists;
"IMO IBC Code Chapter 18: List of products to which the Code does not apply", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals"

No data for Jasol BC2 Sanitiser

HSNO Approval Number

HSR002530

Other Information

Specific advice on controls required for materials used in New Zealand can be found at <http://www.epa.govt.nz/hazardous-substances/approvals/Pages/default.aspx>.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

07/03/2017

Technical Contact Numbers

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)
New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)
New Zealand Emergency Services: 111

Other Information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Jasol NZ cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Jasol NZ representative or Jasol NZ at the contact details on page 1.

Jasol NZ's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request

END OF SDS

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