



# SAFETY DATA SHEET

## BC4 - GLASS CLEANER

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

CLASSIFIED AS HAZARDOUS

### 1. IDENTIFICATION

**GHS Product Identifier**

BC4 - GLASS CLEANER

**Product Code**

2210050

**Company Name**

JASOL NEW ZEALAND

**Address**

81 Leonard Road  
Mt. Wellington Auckland  
1060 New Zealand

**Telephone/Fax Number**

Tel: +64 9 580 2105  
Fax: +64 9 571 4388

**Emergency phone number**

0800 243 622

**Emergency Contact Address**

North Island:  
81 Leonard Road, Mt. Wellington, Auckland 1060  
Phone: +64 9 5802105  
Fax: +64 9 5714388

South Island:  
105 Rutherford Street, Christchurch 8023  
Phone: +64 3 3844433  
Fax: +64 3 3844431

**(24 hour a day available)**

0800 243622

**E-mail Address**

jasolnzorders@gwf.com.au

**Recommended use of the chemical and restrictions on use**

Glass cleaner.  
Dilute at a rate of up to 1:8. Spray onto surface and buff until dry.

### 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.

3.1D Flammable liquids: low hazard

**Signal Word (s)**

WARNING

**Precautionary statement – Prevention**

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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

**Precautionary statement – Storage**

P403+P235 Store in a well-ventilated place. Keep cool.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients**

Name	CAS	Proportion
Methylated spirits	N/A	1-9%
Surfactants, unregulated	N/A	1-9%
Other ingredients, unregulated	N/A	1-9%
Water	7732-18-5	Remainder

### 4. FIRST-AID MEASURES

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**Inhalation**

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

**Ingestion**

- 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.

### 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

- Water spray or fog.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).

### **Hazards from Combustion Products**

- Combustible.
- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.
- On combustion, may emit toxic fumes of carbon monoxide (CO).

Combustion products include: carbon dioxide (CO<sub>2</sub>), sulfur oxides (SO<sub>x</sub>), other pyrolysis products typical of burning organic material.

### **Hazchem Code**

None allocated

### **Decomposition Temperature**

Not Available

### **Other Information**

#### **FIRE INCOMPATIBILITY**

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

#### **PERSONAL PROTECTION**

Glasses: Chemical goggles.

Gloves: 1.BUTYL 2.NEOPRENE 3.VITON

Respirator: Type A- P Filter of sufficient capacity

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Methods And Materials For Containment And Cleaning Up**

- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.

Personal Protective Equipment advice is

### **Personal Protection**

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

## **7. HANDLING AND STORAGE**

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### **Precautions for Safe Handling**

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.

### **Storage Regulations**

- Store in original containers.
- Keep containers securely sealed.
- No smoking, naked lights or ignition sources.
- Store in a cool, dry, well-ventilated area.

### **Unsuitable Materials**

#### **SUITABLE CONTAINER**

- Metal can or drum
- Packaging as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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### **Occupational exposure limit values**

The following materials had no OELs on our records

- water: CAS:7732- 18- 5

### Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator.

### Personal Protective Equipment

#### RESPIRATOR

Type A-P Filter of sufficient capacity

#### 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

- Wear chemical protective gloves, eg. PVC.
- Wear safety footwear or safety gumboots, eg. Rubber.

#### OTHER

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Form

Liquid

### Appearance

Clear blue mobile liquid with a mild alcoholic odour; mixes with water.

### Colour

Blue

### Odour

Mild alcoholic odour

### Decomposition Temperature

Not Available

### Melting Point

Not Available

### Boiling Point

>80°C

### Solubility in Water

Miscible

### Specific Gravity

1.0

### pH

pH (1% solution) = Not Available

pH (as supplied) = <11

**Vapour Pressure**

Not Available

**Vapour Density (Air=1)**

Not Available

**Evaporation Rate**

Not Available

**Viscosity**

Not Available

**Flash Point**

>63°C

**Auto-Ignition Temperature**

Not Available

**Explosion Limit - Upper**

Not Available

**Explosion Limit - Lower**

Not Available

**Molecular Weight**

Not applicable

## 10. STABILITY AND REACTIVITY

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**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

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**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).  
- Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

**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**

-Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

### Chronic Effects

-Ingestion may result in intoxication, drunkenness. In chronic form this may result in alcoholism, liver damage. Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapours especially at higher temperatures. 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

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### Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Water	LOW	-	LOW	HIGH

## 13. DISPOSAL CONSIDERATIONS

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### 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

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### U.N. Number

None Allocated

### UN proper shipping name

None Allocated

### Transport hazard class(es)

None allocated

### Sub.Risk

None allocated

### Packing Group

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 Sub. Risk**

None allocated

**IMDG Subsidiary Risk**

None allocated

**IMDG Marine pollutant**

No

## 15. REGULATORY INFORMATION

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**Regulatory information**

This substance should be managed in accordance with the requirements specified in the Cleaning Products (Combustible) Group Standard 2006, HSNO Approval Number HSR002525.

**National and or International Regulatory Information**

Regulations for ingredients

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 BC4 - Glass Cleaner

No data for methylated spirits (CAS: , Not avail)

**HSNO Approval Number**

HSR002525

**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

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**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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