



# SAFETY DATA SHEET

## C4 GLASS CLEANER

Infosafe No.: 7EFGS  
ISSUED Date : 24/02/2022  
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

### Section 1 - Identification

**Product Identifier**

C4 GLASS CLEANER

**Product Code**

2160050

**Company Name**

JASOL AUSTRALIA

**Address**

41-45 Tarnard Drive Braeside  
VIC 3195 AUSTRALIA

**Telephone/Fax Number**

Tel: 03 95805722  
Fax: 03 95809902

**Emergency Phone Number**

1800 629 953

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

High performance glass cleaner

**Other Information**

N.Z.: 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye damage/irritation: Category 2

Skin corrosion/irritation: Category 3

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark

**Precautionary Statement – Prevention**

P264 Wash contaminated skin thoroughly after handling.

P280 Wear eye protection/face protection.

**Precautionary Statement – Response**

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.

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

### Section 3 - Composition and Information on Ingredients

**Ingredients**

Name	CAS	Proportion
Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	1-5 %
2-butoxyethanol	111-76-2	5-15 %
Ingredients determined not to be hazardous	-	Balance

### Section 4 - First Aid Measures

**Inhalation**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

Wash affected area thoroughly with soap and water after handling. If symptoms develop seek medical attention.

**Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. If eye irritation occurs please advise medical physician.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### Section 5 - Firefighting Measures

**Suitable Extinguishing Media**

Carbon dioxide, dry chemical or foam. Alcohol resistant foam is preferred. If not available normal foam can be used.

**Unsuitable Extinguishing Media**

Do not use water jet.

### **Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

## **Section 6 - Accidental Release Measures**

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### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Spillages will be very slippery. Small spills may be mopped up.

## **Section 7 - Handling and Storage**

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### **Precautions for Safe Handling**

Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses when dealing with concentrated product. Use in designated areas with local exhaust ventilation. Keep containers tightly closed. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

### **Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area away from sources of ignition. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Ensure that storage conditions comply with applicable local and national regulations.

## **Section 8 - Exposure Controls and Personal Protection**

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### **Occupational exposure limit values**

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

2-Propanol

TWA: 400 ppm, 983 mg/m<sup>3</sup>

STEL: 500 ppm, 1230 mg/m<sup>3</sup>

Ethanol

TWA: 1000 ppm

TWA: 1880 mg/m<sup>3</sup>

Dipropylene Glycol, Methyl Ether

TWA: 50 ppm, 308mg/m<sup>3</sup>

Note: Sk

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Skin' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur

### **Biological Monitoring**

Name: 2-Propanol (Isopropanol)

Determinant: Acetone in urine

Value: 40 mg/L

Sampling time: End of shift at end of workweek

Notation: B, Ns

Source: American Conference of Industrial Hygienists (ACGIH).

#### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

#### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

#### Eye and Face Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

#### Hand Protection

Wear gloves of impervious material such as rubber or plastic. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### Body Protection

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear dark blue mobile liquid with solvent odour
Colour	Clear dark blue	Odour	Solvent odour
Boiling Point	> 80°C	Solubility in Water	Miscible with water in all proportions
Specific Gravity	0.93°C	pH	7.0-9.0
Vapour Pressure	Not available	Flash Point	N/a
Flammability	Not flammable		

## Section 10 - Stability and Reactivity

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Conditions to Avoid

Extreme temperatures

#### Incompatible Materials

Compatible with all materials.

#### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: carbon dioxide, oxides of nitrogen and carbon monoxide.

#### Hazardous Polymerization

Not available

## Section 11 - Toxicological Information

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### Toxicology Information

No toxicity data available for this product.

### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

### Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

### Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

### Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

### Skin Sensitisation

Not expected to be a skin sensitiser.

### Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

### Carcinogenicity

Not considered to be a carcinogenic hazard.

Isopropanol is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

### Reproductive Toxicity

Not considered to be toxic to reproduction.

### STOT - Single Exposure

Not expected to cause toxicity to a specific target organ.

### STOT - Repeated Exposure

Not expected to cause toxicity to a specific target organ.

### Aspiration Hazard

Not expected to be an aspiration hazard.

## Section 12 - Ecological Information

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### Ecotoxicity

No ecological data available for this material.

### Persistence and degradability

Not available

### Mobility

Not available

### Bioaccumulative Potential

Not available

### Other Adverse Effects

Not available

## Section 13 - Disposal Considerations

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### Disposal Considerations

Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Containers should be cleaned by appropriate methods and then disposed of by landfill or incineration as appropriate.

## Section 14 - Transport Information

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### Transport Information

Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

### ADG U.N. Number

None Allocated

### ADG Proper Shipping Name

None Allocated

### ADG Transport Hazard Class

None Allocated

### Special Precautions for User

Not available

### IMDG Marine pollutant

No

## Section 15 - Regulatory Information

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### Regulatory Information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

### Poisons Schedule

Not Scheduled

## Section 16 - Any Other Relevant Information

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### Date of Preparation

SDS Reviewed: February 2017

Supersedes: October 2016

### Literature References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

### Contact Person/Point

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

Contact Technical Manager in your state for more information.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE

W.A. 131 Garling Street, O'Connor WA 6163, Ph. (08) 9337 4844, Fx (08) 9314 1099

VIC. 41-45 Tarnard Drv, Braeside Vic 3195, Ph. (03) 9580 5722, Fx (03) 9580 9902

QLD. Unit 1/22 Eastern Service Rd, Stapylton QLD 4207, Ph (07) 3380 8100, Fx (07) 3380 8199

NSW. Building A, Level 1, 7-11 Talavera Road, North Ryde NSW 2113, Ph. (02) 9815 7300, Fx (02) 9805 0152

N.Z. 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388

N.Z. 105 Rutherford Street, Christchurch, Ph (03) 384 4433, Fx (03) 384 4431

## END OF SDS

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