

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier**

Brilliant – Crystal Clear Glass Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Auto Care and Household product for cleaning glass and mirrors.

1.3 Details of the supplier of the safety data sheet

Company name:	Brilliant Polish Pty Ltd
Street:	1553 Loddon Valley Hwy
Place:	Woodvale 3556. Victoria. Australia
Telephone:	+61 (0)3 5446 9922
e-mail:	info@brilliantpolish.com
Contact person:	Mark Farrell
Internet:	www.brilliantpolish.com
Responsible Department:	Mark Farrell
Emergency Phone Number:	+61 447 722 345

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Directive 67/548/EEC or 1999/45/EC**

R phrases:

None

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

None

Hazard Statements:

None

2.2. Label elements**Precautionary statements**

P102	Keep out of reach of children.
P271	Use only outdoors or in a well-ventilated area.

Additional advice on labelling

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [CLP].

2.3. Other hazards

The preparation is not dangerous in the sense of Directive 1999/45/EC.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Preparation on the basis of anionic surfactants, alcohol, glycol, colourants and scent extracts

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
200-578-6	Ethanol, ethyl alcohol	1 - < 3 %
64-17-5	F - Highly flammable R11	
603-002-00-5	Flam. Liq. 2; H225	
200-661-7	Propan-2-ol; isopropyl alcohol; isopropanol	1 - < 3 %
67-63-0	F – Highly flammable, Xi – Irritant R11-36-67	
603-117-117-00-0	Flam. L Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
01-2119457558-25		

Full text of R, H and EUH phrases: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % anionic surfactants, perfumes, preservation agents (Methylisothiazolinone).

SECTION 4: First aid measures**4.1. Description of first-aid measures****General information**

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

In all cases of doubt, or when symptoms persist, seek medical advice.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.
Use water spray jet to protect personnel and to cool endangered containers.

Unsuitable extinguishing media

No data available.

5.2. Specific hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personnel precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Suitable material for diluting or neutralizing: Water.

See protective measures under point 7 and 8.

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Avoid contact with eyes.

Advice on protection against fire and explosion

Not Explosive.

Further information on handling

When diluting always get the water first and then add the product.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store only in original container.

Advice on storage compatibility

Materials to avoid: Oxidizing agents.

Further information on storage conditions

Protect against: heat.

7.3. Specific end use(s)

Observe technical data sheet.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

CAS No.	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	500	970		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls**Appropriate engineering controls**

Refer to Chapter 7. No further action is necessary.

Protective and hygiene measures

Wash hands before breaks and after work.

Eye/face protection

Eye protection: not required.

Hand protection

Tested protective gloves are to be worn: DIN EN 374

Suitable material:

NBR (Nitrile rubber):

Thickness of glove material: 0,3 mm; penetration time (maximum wearing period): 480 min.

NR (Natural rubber (Caoutchouc), Natural latex):

Thickness of glove material: 0,6 mm; penetration time (maximum wearing period): 60 min.

Additional protection measures for the hands: Before using check leak tightness/impermeability.

Skin protection

Body protection: not required.

Respiratory protection

No special precautionary measures are necessary.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: liquid
Colour: green
Odour: freshly

pH-Value (at 20 °C) 10.9

Changes in the physical state

Melting point: Undetermined
Initial boiling point and boiling range: 100 °C

Flammability

Solid: Undetermined.
Gas: Undetermined.

Explosive properties

Not Explosive.

Lower explosion limits: Undetermined
Upper explosion limits: Undetermined
Ignition temperature: > 400 °C

Auto-ignition temperature

Solid: Undetermined.
Gas: Undetermined.

Decomposition temperature: Undetermined.

Oxidising properties

Not oxidizing.

Vapour Pressure (at 20 °C) Undetermined
Density (at 20°C): 0,97 g/cm³
Water solubility (at 20°C): 1000 g/L
Partition coefficient: Undetermined.
Viscosity/kinematic: Undetermined.
Flow time: > 30 s (3 mm)
Vapour density: Undetermined.
Evaporation rate (at 20 °C): Undetermined.
Solvent content: 16,34%

9.2. Other information

Solid content: 0,6%

Product is not self igniting.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11. Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical Name			
	Exposure route	Dose	Species	Source
64-17-5	Ethanol, ethyl alcohol			
	oral	LD50 6200 mg/kg	Rat	IUCLID
	inhalative (4 h) vapour	LC 50 95.6 mg/l	Rat	RTECS
64-63-0	Propan-2-ol; isopropyl alcohol; isopropanol			
	oral	LD50 5050 mg/kg	Rat	
	dermal	LD50 12800 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC 50 72,6 mg/l	Rat	

Irritation and corrosivity

Irritant effect on the skin: not an irritant.

Practical experience.

Irritant effect on the eye: not an irritant.

Practical experience.

Sensitizing effects

Respiratory or skin sensitization after skin contact: no danger of sensitization.

Specific effects in experiment on an animal

No information available.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 12: Ecological information****12.1. Toxicity**

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
64-17-5	ethanol, ethyl alcohol				
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID
67-63-0	Propan-2-ol; isopropyl alcohol; isopropanol				
	Acute fish toxicity	LC50 9640 mg/l	96h	Leuciscus idus melanotus	
	Acute algae toxicity	ErC50 > 100 mg/l	72h	Scenedesmus subspicatus	
	Acute crustacea toxicity	EC 50 1400 mg/l	48 h	Daphnia magna	
	Acute bacteria toxicity	(> 1050 mg/l)			

12.2. Persistence and degradability

Biological degradation: >80% (28 d) Easily biodegradable (concerning to the criteria of the OECD)

Degree of elimination: > 95% Method: OECD 301E/EWG 92/69, annex V, C, 4-B

Biological degradable according to the criteria laid out in the Washing and Cleansing Agents Act.

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

12.4. Results of PBT and vPvB assessment

No information available.

12.5 Other adverse affects

AOX: The product contains no organically bound Halogen.

Further information

Effects in sewage plants:

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility will not disturb the biodegradability of activated sludge.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLDE WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL LAND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Contaminated packaging

Water:

Contaminated packing must be completely emptied and re-used following appropriate cleaning.

SECTION 14: Transport information

UN number:	Not applicable
Proper shipping name:	Not applicable
Australian Dangerous Goods class:	Not applicable
Australian Dangerous Goods packing group:	Not applicable
Hazchem code:	Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2004/42/EC (VOC): ca. 20 % (190 - 200 g/l)

Additional information

Sources of the most important date: 2001/118/EG, 1999/45/EG, 91/155/EWG, 67/548/EWG, (EG) 1907/2006, (EG) 1272/2008, GefStoffV, WRMG, WHG, TRG 300, TRGS 220, ADR 2015, IMDG-Code

National regulatory information

Water contaminating class (D): 1 –slightly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

**Safety Data Sheet****Crystal Clear Glass Cleaner****SECTION 16: Other information****16.1. Further information**

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Brilliant Polish cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Brilliant Polish on (03) 5446 8343.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

Date of preparation: 3rd January 2022
Revision number: 1