



## SAFETY DATA SHEET

### Kleer Vision

#### SECTION 1: Identification: Product identifier and chemical identity

##### Product identifier

**Product name** Kleer Vision

**Internal identification** ALLC

##### Relevant identified uses of the substance or mixture and uses advised against

**Application** Glass cleaner.

**Uses advised against** No specific uses advised against are identified.

##### Details of the supplier of the safety data sheet

**Supplier** Sampson Chemical Products  
42 Redcliffe Gardens Drive  
Clontarf, QLD, 4019  
+61 7 3283 4511  
sampson\_office@bigpond.com

**Contact Person** Poisons Information 131126 or Brennan Stark 0428 835 855

**Manufacturer** Eco Pro Australia Pty Ltd  
42 Redcliffe Gardens Drive, Clontarf, QLD, 4019  
+61 7 3283 4511  
sampson\_office@bigpond.com

##### Emergency telephone number

**Emergency telephone** Poisons Information 131126 or Brennan Stark 0428 835 855

#### SECTION 2: Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Aquatic Acute 3 - H402

##### Label elements

**Hazard statements** H402 Harmful to aquatic life.

**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/ container in accordance with national regulations.

##### Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

#### SECTION 3: Composition and information on ingredients

##### Mixtures

## Kleer Vision

<b>Ethanol</b>	<b>1-10%</b>
CAS number: 64-17-5	
<b>2-butoxyethanol</b>	<b>1-10%</b>
CAS number: 111-76-2	
<b>ammonia ... %</b>	<b>&lt;1%</b>
CAS number: 1336-21-6	
<b>2-methylpropan-2-ol</b>	<b>&lt;1%</b>
CAS number: 75-65-0	

### SECTION 4: First aid measures

#### Description of first aid measures

<b>General information</b>	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.
<b>Ingestion</b>	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	Use protective equipment appropriate for surrounding materials.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known. Spray/mists may cause respiratory tract irritation.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed.
<b>Skin contact</b>	No specific symptoms known. May cause discomfort.
<b>Eye contact</b>	No specific symptoms known. May be slightly irritating to eyes.

#### Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No special treatment required.

### SECTION 5: Firefighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
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**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### **Special hazards arising from the substance or mixture**

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances:  
Harmful gases or vapours.

### **Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** No specific recommendations. For personal protection, see Section 8.

### **Environmental precautions**

**Environmental precautions** Avoid discharge to the aquatic environment.

### **Methods and material for containment and cleaning up**

**Methods for cleaning up** Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

### **Reference to other sections**

**Reference to other sections** For personal protection, see Section 8.

## **SECTION 7: Handling and storage, including how the chemical may be safely used**

### **Precautions for safe handling**

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

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

**Storage precautions** No specific recommendations.

**Storage class** Chemical storage.

### **Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## Kleer Vision

### SECTION 8: Exposure controls and personal protection

#### Control parameters

#### Occupational exposure limits

##### Ethanol

Long-term exposure limit (8-hour TWA): 1000 ppm 1880 mg/m<sup>3</sup>

##### 2-butoxyethanol

Long-term exposure limit (8-hour TWA): 20 ppm 96.9 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 50 ppm 242 mg/m<sup>3</sup>

Sk

##### 2-methylpropan-2-ol

Long-term exposure limit (8-hour TWA): 100 ppm 303 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 150 ppm 455 mg/m<sup>3</sup>

Sk = Absorption through the skin may be a significant source of exposure.

#### Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

##### Hand protection

No specific hand protection recommended. Large Spillages: Wear protective gloves.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

##### Respiratory protection

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

##### Environmental exposure controls

Not regarded as dangerous for the environment.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Light blue.
<b>Odour</b>	Ammonia.
<b>pH</b>	11
<b>Specific Gravity</b>	0.99
<b>Initial boiling point and range</b>	100°C @ 101 kPa
<b>Flammability (solid, gas)</b>	Non Flammable
<b>Flammability Limit - Lower(%)</b>	Not applicable.

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**Solubility(ies)** Soluble in water.

### SECTION 10: Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Possibility of hazardous reactions** No potentially hazardous reactions known.

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### SECTION 11: Toxicological information

#### Information on toxicological effects

**Toxicological effects** Not regarded as a health hazard under current legislation.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 48,923.68

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 107,632.09

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 1,076.32

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

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**IARC carcinogenicity** Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

**Target organs** Respiratory system, lungs

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

### **General information**

No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### **Inhalation**

No specific symptoms known. Spray/mists may cause respiratory tract irritation.

### **Ingestion**

No specific symptoms known. May cause discomfort if swallowed.

### **Skin Contact**

No specific symptoms known. May cause discomfort.

### **Eye contact**

No specific symptoms known. May be slightly irritating to eyes.

### **Route of exposure**

Ingestion Inhalation Skin and/or eye contact

### **Target Organs**

No specific target organs known.

## SECTION 12: Ecological information

### **Ecotoxicity**

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

### **Toxicity**

Based on available data the classification criteria are not met.

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Bioaccumulative potential

**Bioaccumulative Potential** No data available on bioaccumulation.

### Mobility in soil

**Mobility** No data available.

### Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

## Kleer Vision

<b>General information</b>	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.
<b>Disposal methods</b>	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

**UN number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

**Inventories**

**Australia - AICS**

None of the ingredients are listed or exempt.

### SECTION 16: Any other relevant information

<b>Training advice</b>	Only trained personnel should use this material.
<b>Revision date</b>	17/02/2021
<b>Revision</b>	2
<b>Supersedes date</b>	27/06/2016
<b>SDS No.</b>	4596

## Kleer Vision

**General Information**

The following risk and hazard statements are to be considered a glossary. They relate to the raw materials used in this product and therefore may not be accurate for the finished product itself. For the complete risk and hazard statements for this product please refer to section 2 of this Safety Data Sheet

**Hazard statements in full**

H402 Harmful to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.