

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Shiny surfaces

**Recommended Use:** Cleaning of glass, suitable for tinted windows, chrome, stainless steel and reflective surfaces

**Supplier:** Midland Chemicals  
**ABN:** 91 622 018 986

**Street Address:** 18 Elliott Street  
Midvale  
Western Australia

**Telephone Number:** +61 08 9274 1992

**Facsimile:** +61 08 9250 1710

**Australian Poisons Information Centre:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**Road and Rail;** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Globally Harmonised System

#### Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

#### Hazard Categories

Eye Damage/Irritation, Category 2A

#### Pictogram



Irritant

#### Signal Word

Warning

#### Hazard Statements

H319 Causes serious eye irritation

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## Precautionary Statement

H319 Causes serious eye irritation

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

P103 Read label before use

## Prevention

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

P233 Keep container tightly closed

P264 Wash thoroughly after handling

P280 Wear protective gloves/eye protection/face protection

## Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse.  
Rinse skin with water/shower

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

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

P370 + P378 In case of fire: Use foam/water spray/fog for extinction

## Storage

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

## Disposal

P501 Dispose of contents/container in accordance with local regulations

**Poisons Schedule:** Not Scheduled

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Ethanol	64-17-5	<40%
Butyl Glycol Ether	111-76-2	<10%
Ammonium hydroxide	1336-21-6	<1%
Sodium Lauryl ether Sulphate	9004-82-4	<0.1%
Ingredients determined not to be hazardous including water.		Up to 100%

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## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

<b>Ingestion:</b>	Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Drink copious amounts of water, Never give anything by mouth to an unconscious person. If vomiting occurs give further water, Seek immediate medical assistance.
<b>Eye Contact:</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.
<b>Skin Contact:</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.
<b>Inhalation:</b>	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
<b>Medical attention and special treatment:</b>	Treat symptomatically

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Alcohol stable foam, water spray or fog. Dry chemical powder, carbon dioxide for small fires only. Do not use water in a jet.
<b>Specific hazards arising from the chemical:</b>	Carbon monoxide and/or carbon dioxide may be evolved.
<b>Precautions for fire fighters and special protective equipment:</b>	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Slippery when spilt. Avoid accidents, clean up immediately.
<b>Protective equipment:</b>	Wear protective equipment to prevent skin and eye contact.
<b>Emergency procedures:</b>	Clear area of all unprotected personnel. If heavy concentration of contamination of sewers or waterways has occurred advise local emergency services, or Environmental Protection Authority.
<b>Environmental Precautions:</b>	Contain - prevent large concentration run off into drains and waterways.
<b>Methods and materials for Containment and clean up:</b>	Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

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## 7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

<b>Conditions for safe storage:</b>	Store in a well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.
<b>Precautions for safe handling:</b>	Avoid skin and eye contact and breathing in vapour, mists and aerosols.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure control measures:</b>	From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - <b>Ethanol:</b> 1880mg/m <sup>3</sup> (1000ppm) TWA (8hr) <b>Ammonia:</b> Safe Work Australia (SWA) Exposure Standard: TWA = 25 ppm (17 mg/m <sup>3</sup> ); STEL = 35 ppm (24 mg/m <sup>3</sup> ).
<b>Biological Monitoring</b>	No biological limit allocated.
<b>Engineering Controls</b>	Use in well ventilated areas. Keep containers closed when not in use.
<b>Personal Protective Equipment</b>	
<b>Eye and Face</b>	Wear safety goggles.
<b>Skin</b>	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
<b>Respiratory</b>	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Green Transparent
<b>Auto Ignition temperature:</b>	Data not available
<b>Evaporation Rate:</b>	Data not available
<b>Flammability:</b>	Data not available
<b>Flash Point:</b>	Data not available
<b>Boiling Point:</b>	90-100°C
<b>Melting Point:</b>	Data not available
<b>Freezing Point</b>	Data not available
<b>Odour:</b>	Alcoholic
<b>Odour Threshold:</b>	Data not available
<b>pH:</b>	7 @ 1% Solution
<b>Relative Density:</b>	Data not available
<b>Solubility:</b>	Soluble in water
<b>Upper Flammability Limit</b>	Data not available
<b>Lower Flammability Limit:</b>	Data not available
<b>Explosive limits:</b>	Data not available
<b>Vapour density:</b>	Data not available
<b>Vapour pressure;</b>	Data not available
<b>Viscosity:</b>	Data not available
<b>Biopersistence:</b>	Data not available
<b>Crystallinity:</b>	Data not available
<b>Dustiness:</b>	Data not available
<b>Particle size:</b>	Data not available
<b>Redox potential:</b>	Data not available
<b>Release of invisible flammable vapours and gases</b>	Data not available
<b>Saturated Vapour Concentration</b>	Data not available

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## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatible materials:</b>	Strong oxidising agents.
<b>Hazardous decomposition products:</b>	Burning can produce carbon monoxide and/or carbon dioxide.
<b>Hazardous reactions or Polymerisation:</b>	No data available

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Acute Toxicity:</b>	<b>Ethanol:</b> Low toxicity in animals - LD50 Oral (rat) : 7060mg/kg LC50 Inhalation (rat, 6h) : 5900mg/m <sup>3</sup>
<b>Eye irritation :</b>	Vapours may irritate the eyes. Liquid or mists may severely irritate or damage the eyes.
<b>Skin irritation:</b>	Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
<b>Inhalation:</b>	Data not available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Data not available.
<b>Persistence and degradability</b>	Data not available.
<b>Bioaccumulative potential</b>	Data not available.
<b>Mobility</b>	Data not available.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.
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## 14. TRANSPORT INFORMATION

**Road and Rail Transport** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**UN number:** N/A  
**Proper shipping name;** N/A  
**DG Class** N/A  
**Packing group** N/A  
**Environmental hazards for transport purposes** N/A  
**Special Precaution for user** N/A  
**Hazchem** N/A

### **Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### **Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Poisons Schedule:** Poison Schedule not assigned

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### **Globally Harmonised System**

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#### **Hazard Categories**

#### **Pictogram**



**Irritant**

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## Signal Word

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P103 Read label before use

## Prevention

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

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilation/lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P264 Wash thoroughly after handling

P280 Wear protective gloves/eye protection/face protection

## Response

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## 16. OTHER INFORMATION

Revision date: 28/05/2020

Reason for issue: Update SDS

Key/Legend:

< Less Than<sup>[L]</sup><sub>[SEP]</sub>

> Greater Than<sup>[L]</sup><sub>[SEP]</sub>

**AICS** Australian Inventory of Chemical Substances<sup>[L]</sup><sub>[SEP]</sub>

**atm** Atmosphere<sup>[L]</sup><sub>[SEP]</sub>

**CAS** Chemical Abstracts Service (Registry Number)<sup>[L]</sup><sub>[SEP]</sub>

**cm<sup>2</sup>** Square Centimetres<sup>[L]</sup><sub>[SEP]</sub>

**CO<sub>2</sub>** Carbon Dioxide<sup>[L]</sup><sub>[SEP]</sub>

**COD** Chemical Oxygen Demand<sup>[L]</sup><sub>[SEP]</sub>

**deg C (°C)** Degrees Celcius<sup>[L]</sup><sub>[SEP]</sub>

**g** Grams<sup>[L]</sup><sub>[SEP]</sub>



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**g/cm<sup>3</sup>** Grams per Cubic Centimetre

**g/l** Grams per Litre

**HSNO** Hazardous Substance and New Organism

**IDLH** Immediately Dangerous to Life and Health

**immiscible** Liquids are insoluble in each other.

**inHg** Inch of Mercury

**inH<sub>2</sub>O** Inch of Water

**K** Kelvin

**kg** Kilogram

**kg/m<sup>3</sup>** Kilograms per Cubic Metre

**LC<sub>50</sub>** LC stands for lethal concentration. LC<sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

**LD<sub>50</sub>** LD stands for Lethal Dose. LD<sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

**ltr** or **L** Litre

**m<sup>3</sup>** Cubic Metre

**mbar** Millibar

**mg** Milligram

**mg/24H** Milligrams per 24 Hours

**mg/kg** Milligrams per Kilogram

**mg/m<sup>3</sup>** Milligrams per Cubic Metre

**Misc** or **Miscible** Liquids form one homogeneous liquid phase regardless of the amount of either component present.

**mm** Millimetre; **mmH<sub>2</sub>O** Millimetres of Water

**mPa.s** Millipascals per Second

**N/A** Not Applicable

**NIOSH** National Institute for Occupational Safety and Health

**NOHSC** National Occupational Health and Safety Commission

**OECD** Organisation for Economic Co-operation and Development

**PEL** Permissible Exposure Limit

**Pa** Pascal

**ppb** Parts per Billion

**ppm** Parts per Million

**ppm/2h** Parts per Million per 2 Hours

**ppm/6h** Parts per Million per 6 Hours

**psi** Pounds per Square Inch

**R** Rankine

**RCP** Reciprocal Calculation Procedure

**STEL** Short Term Exposure Limit

**TLV** Threshold Limit Value; **tn** Tonne

**TWA** Time Weighted Average

**ug/24H** Micrograms per 24 Hours

**UN** United Nations

**wt** Weight

This material safety data sheet has been prepared by Midland Chemicals

This MSDS 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.

# SAFETY DATA SHEET

No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.