

Infosafe No™ LQ3EI	Issue Date : June 2014	ISSUED by RITTCO
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 Product Name : **INVISIBLE GLASS FOAMING GLASS CLEANER**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	INVISIBLE GLASS FOAMING GLASS CLEANER
<b>Product Code</b>	91164, 91166
<b>Company Name</b>	RITTCO DISTRIBUTING
<b>Address</b>	16 Phillips Street Cabarita NSW 2137 Australia
<b>Telephone/Fax Number</b>	Tel: 1 800 010 252
<b>Emergency phone number</b>	1800 638 556 (24 hr)
<b>Recommended use of the chemical and restrictions on use</b>	Glass cleaner

## 2. Hazard Identification

<b>Classification of the substance or mixture</b>	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) Aspiration Hazard: Category 1
<b>Signal Word (s)</b>	Danger
<b>Hazard Statement (s)</b>	H304 May be fatal if swallowed and enters airways.
<b>General Precautionary Statement (s)</b>	P101 If medical advice is needed, have product container or label at hand.
<b>Pictogram (s)</b>	P102 Keep out of reach of children. P103 Read label before use. Health hazard



<b>Precautionary statement – Response</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
<b>Precautionary statement – Storage</b>	P331 Do NOT induce vomiting.
<b>Precautionary statement – Disposal</b>	P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Hydrocarbon mixture	-	0-20 %
	Petroleum gases, liquefied, sweetened	68476-86-8	0-10 %
	Water	7732-18-5	Balance

## 4. First-aid measures

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
<b>Ingestion</b>	Unlikely due to form of product. If ingestion occurs, do not induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all

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<b>First Aid Facilities</b>	contaminants are washed out completely. If symptoms develop seek medical attention. Eyewash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use alcohol resistant foam, carbon dioxide or dry chemical powder.
<b>Unsuitable Extinguishing Media</b>	DO NOT use water jets.
<b>Specific hazards arising from the chemical</b>	Nonflammable aerosol (ASTM D3065-94). However, the product contains flammable components which may be ignited under certain circumstances. Do not use near ignition sources.
<b>Hazchem Code</b>	2YE
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. Place inert, Non combustible absorbent material onto spillage. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.
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## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. 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.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Protect container against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. For information on the design of the storeroom, reference should be made to Australian Standard AS 2278-2000 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive. Reference should also be made to all Local, State and Federal regulations.
<b>Handling Temperatures</b>	Do not store at temperatures exceeding 48.8°C.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standards have been established for this material. However, the TWA exposure standards for refined mineral oil mist from Safe Work, Australia is 5 mg/m <sup>3</sup> . As with all chemicals, exposure should be kept to the lowest
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<b>Biological Limit Values</b>	possible levels. 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.
<b>Appropriate engineering controls</b>	No biological limits allocated.  Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand 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.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	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.

## 9. Physical and chemical properties

<b>Appearance</b>	Clear colourless liquid in aerosol can
<b>Colour</b>	Colourless
<b>Odour</b>	Mild alcohol
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Not available
<b>Specific Gravity</b>	0.96
<b>pH</b>	Not applicable
<b>Vapour Pressure</b>	53.00psig at 21°C
<b>Vapour Density (Air=1)</b>	1.23
<b>Evaporation Rate</b>	0.5-2
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Nonflammable aerosol (ASTM D3065-94). However, the product contains flammable components.
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

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**10. Stability and reactivity**

<b>Reactivity</b>	Reacts with incompatible materials.
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Direct sunlight. Heat, open flames, glowing metal surfaces, static discharges and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidisers, strong acids, bases, acetaldehyde, chlorine, ethylene oxide, isocyanates.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Not available

**11. Toxicological Information**

<b>Toxicology Information</b>	No toxicity data available for this material.
<b>Ingestion</b>	Unlikely due to form of product. If ingestion occurs, may be fatal if swallowed and enters airways. Subsequent to ingestion or vomiting, small amounts of liquid aspirated into the respiratory system may cause severe pulmonary injury that may lead to death. May also cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain. Frostbite of the lips and mouth may result from contact with the liquid.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling. May cause frostbite.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard. No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	May be fatal if swallowed and enters airways.
<b>Other Information</b>	Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea, vomiting, coughing, weakness, fatigue and unconsciousness. May cause confusion, impaired coordination and in extreme cases can lead to unconsciousness, coma or death.

**12. Ecological information**

<b>Ecotoxicity</b>	No ecological data available for this material.
<b>Persistence and degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available

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**Other Adverse Effects** Not available

**Environmental Protection** Do not discharge this material into waterways, drains and sewers.

### 13. Disposal considerations

**Disposal Considerations** Dispose of waste according to applicable local and national regulations. Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste.

### 14. Transport information

**Transport Information**

Road & Rail:  
Australia  
This material is classified as a Division 2.2 (Non-flammable, Non-toxic Gases) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
Division 2.2 Dangerous Goods are incompatible in a placard load with any of the following:  
- Class 1, Explosives  
Division 2.1 Flammable Gas when the Division 2,2 gas has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.  
Division 2.3 Toxic Gas when the Division 2,2 gas has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.  
- Division 4.2, Spontaneously Combustible Substances  
- Division 5.2, Organic Peroxides  
Marine Transport (IMO/IMDG):  
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.  
Division: 2.2  
EmS: F-D,S-U  
UN-No: 1950  
Special Provisions: 63 190 277 327 344 959  
Proper Shipping Name: Aerosols

Air Transport (ICAO/IATA):  
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.  
Division: 2.2  
Packaging Instructions (cargo only): 203  
Packaging Instructions (passenger & cargo): 203  
UN-No: 1950  
Label: Non-flammable gas  
Proper Shipping Name: Aerosols, non flammable  
Special Provisions: A98, A145, A167, A802

**U.N. Number** 1950

**UN proper shipping name** AEROSOLS

**Transport hazard class(es)** 2.2

**Hazchem Code** 2YE

**EPG Number** 2D1

**IERG Number** 49

**IMDG Marine pollutant** No

### 15. Regulatory information

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<b>Regulatory Information</b>	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).
<b>Poisons Schedule</b>	Not Scheduled

**16. Other Information**

<b>Date of preparation or last revision of SDS</b>	MSDS Created: June 2014
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<b>Literature References</b>	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, Safe work Australia. American Conference of Industrial Hygienists (ACGIH) Globally Harmonised System of classification and labelling of chemicals. ...End Of MSDS...
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