SAFETY DATA SHEET

CHESSER CHEMICALS Pty Ltd
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ABN Number: 67 008 262 039

Product: MIRROR IMAGE

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

SIGNAL WORD: WARNING

Hazards	H227	Combustible liquid
	H319	Causes serious eye irritation

☎Emergency Response No: CHEMWATCH **1800 951 288**

RECOMMENDED PPE NOT APPLICABLE

1 IDENTIFICATION

IDENTIFICATION

Product Code:	MRI
Product Name:	MIRROR IMAGE
Other Names:	Not Applicable
Product Use:	Glass and window cleaner.
Restrictions on use:	Use as Directed,

COMPANY DETAILS

Company:	CHESSER CHEMICALS Pty Ltd
ABN Number:	67 008 262 039
Address:	124 Days Road FERRYDEN PARK SA 5010
Telephone Number:	(08) 8406 0000
Facsimile Number:	(08) 8406 0099
Emergency Telephone Number:	CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

2 HAZARD IDENTIFICATION

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

Classification of the substance or mixture:

Flammable liquid	- Category 4
Eye damage/irritation	- Category 2

SIGNALWORD/S: **WARNING**

Hazard Statements

H227	Combustible liquid
H319	Causes serious eye irritation

Precautionary statements

General precautionary statements

P102	Keep out of reach of children

Prevention precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection

Response precautionary statements

P370	In case of fire: Use WATER for extinction.
P264	Wash HANDS thoroughly after handling
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.

Storage precautionary statements

Disposal precautionary statements

Poisons Schedule (SUSMP): Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Ethanol	[64-17-5]	1 – 10%	H225 H319
Butyl Icinol	[111-76-2 100]	1 – 10%	H227 H312 H315 H319
Water	[7732-18-5]	> 60%	
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

HEALTH EFFECTS

Acute

Ingestion: If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Seek urgent medical assistance.

Eye: If contact with eye(s) occurs, hold eyes lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

Skin: Wash affected area thoroughly with water. If symptoms develop, seek medical attention.

Inhaled: If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor Treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing media suitable for surrounding fire situation.
Hazards from Combustion: This product is a combustible liquid. Flammable gases released on heating. Heating may cause expansion or decomposition leading to violent rupture of containers. The packaging is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon element will burn. Combustion products include combustible materials, toxic fumes of carbon monoxide (CO), poisonous fumes, corrosive fumes and acrid smoke. Mists containing combustible materials may be explosive. Mists containing combustible materials may be explosive.
Precautions for Fire Fighters & Special Protective Equipment Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Protective Clothing & Equipment Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.
Hazchem Code
None allocated

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Clean up spills immediately. Restrict access to the area of spill until completion of cleanup. Spill area will remain slippery until completion of cleanup. For spills involving the release of a significant amount of product (for example: product released by the puncture or damage of containers resulting in a spill of more than a few litres) spilled material should be stopped from spreading by containment using a barrier of sand or other inert material. Use a mop or cloth to absorb spilled material. Flush collected product to sewer. Rinse spill area thoroughly with water. Materials used for containment may be discarded to tip or landfill. Copious amounts of foam may be generated during cleanup, especially during final rinse of spill area. Foam will collapse of its own accord. Completion of cleanup of spill area will be indicated when rinse fails to generate foam. If large quantities of this material enter storm water or waterways contact the Environmental Protection Authority.

Personal Protective Equipment advice is contained in Section 8 of this SDS.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Chemicals' packaging is generally secure and safe, and handlers do not require special safety equipment to carry a chemical container containing this product. When dispensing, ensure that the risk of splashing is minimised. When product is supplied in bulk containers, the product may be transferred into smaller bottles. When such transfer occurs, ensure risk of splashing is minimised. 25 L drums should be tapped for dispensing product (the drums are drilled and bunged for this purpose). Lifting bulk containers should be performed in accordance with the National Standard for Manual Handling [NOHSC: 1001(1990)].
Suitable container: Store in original containers
Storage Incompatibilities: No information available
Storage Requirements: Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards: None listed for product. However exposure standards for: Ethanol
TWA (skin): 1000ppm – 1800mg/m^3
Engineering Controls: Natural ventilation should be adequate under normal use conditions.
Respiratory Protection: Not required under normal use conditions.
Eye Protection: Not required under normal use conditions. Where a risk of splashing exists or when cleaning up significant spills, wear chemical goggles or full face shield.
Skin Protection: Not required under normal use conditions. Where a risk of splashing exists or when cleaning up significant spills, wear PVC or rubber gloves on hands and suitable impervious protective clothing. Safety boots with nonslip soles should be worn for spill clean up.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid.
Odour:	Mild solvent
Boiling Point:	N/A
Melting Point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	0.99
Flash Point:	>65ºC
Flammability Limits:	N/A
Solubility in Water:	completely soluble at use proportions
Other Properties:	pH 8.0 (Neat)

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage, handling and use.
Conditions to Avoid:	Heat, flames, ignition sources and incompatibilities
Incompatibilities Materials:	Strong alkalis, acids, oxidising agents
Hazardous Decomposition Products:	Emits smoke and fumes when heated to decomposition
Hazardous Polymerisation:	Will not occur
Hazardous Reactions:	No information available for this product

11 TOXICOLOGICAL INFORMATION

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

Inhalation:	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
Ingestion:	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Skin:	May cause irritation to the skin, with effects including; Redness and itchiness.
Eye:	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Chronic effects:	Not available
Toxicology Information:	Non available for MIRROR IMAGE.

12 ECOLOGICAL INFORMATION

Ecotoxity:	No toxicity data available for this product
Mobility:	Readily dilutes with water.
Persistence / Degradability:	Readily Biodegradable.
Chemical Fate Information:	There is no ecological information available for this product. However, large quantities should not be discharged into drains, sewers or waterways.
Environ Protection:	Avoid contaminating waterways

13 DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	None allocated
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Poisons Schedule	Not scheduled
EPG	Not applicable
AICS Name	All ingredients are on inventory

16 OTHER INFORMATION

Literature References No data available.
Sources for Data No data available.
Legend to Abbreviations and Acronyms

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm^2	square centimetres
CO_2	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority
G	gram
g/cm^3	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
Kg	kilogram
kg/m^3	kilograms per cubic metre
LC_{50}	LC stands for Lethal Concentration. LC_{50} 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_{50}	LD stands for Lethal Dose. LD_{50} 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	Litre
m^3	cubic metre
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours
mg/kg	milligrams per kilogram
mg/m^3	milligrams per cubic metre
Misc	miscible
Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	millimetre
mPa.s	milli Pascal per second
N/A	Not Applicable
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million
ppm/2h	parts per million per 2 hours
ppm/6h	parts per million per 6 hours
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tne	tonne
TWA	Time Weighted Average
ug/24H	micrograms per 24 hours
UN	United Nations (number)
Wt	weight

Date Prepared:
Tuesday 23rd January 2024 Version: 1.1 Supersedes: Thursday 9th May 2019
Add Butyl Icinol to ingredients
Update CHEMWATCH Phone number
Update dates

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