

CLEAR VIEW GLASS CLEANER

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	CLEAR VIEW GLASS CLEANER	53 ASSEMBLY DRIVE
Manufacturers Code:	CV5, CV25	TULLAMARINE VIC 3043
Date:	June 2016	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	CLEAR VIEW GLASS CLEANER
Company Name:	QUICK SMART PRODUCTS
Address:	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax:	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9336 7945 (AH)
Recommended Use:	Window and Glass Cleaner

2. HAZARDS IDENTIFICATION

Hazard Classification	Not hazardous
Dangerous Goods Classification	Not Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
GHS Label Elements	
Signal Word	Not Applicable
Symbol(s)	Not Applicable
Hazard Statements	Not Applicable. No known significant effects or critical hazards.
Precautionary Statements	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
Other Hazards which do not result in classification	Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	W%W	CAS No	Risk Phrases
Ethanol	>10 – <20	64-17-5	R11; R36
2-Butoxyethanol	<10	111-76-2	R20/21/22; R36/38
Ingredients determined not to be hazardous	to 100%	-	-

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Ingestion	If product is swallowed or gets in mouth DO NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a Doctor.
Inhalation	If affected, remove the affected person from contaminated area to fresh air. If the victim is not breathing, apply artificial resuscitation. Seek immediate medical attention.

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Eye Contact	In case of eye contact, hold eyelids apart and flush the eye immediately with large amounts of water for at least 5 minutes or until all contaminants are washed out completely. If irritation develops seek medical attention.
Skin Contact	Irritation is unlikely. However if irritation does occur, flush with warm running water for 5 minutes or until chemical is removed. If irritation persists seek medical attention.
First Aid Facilities	Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.

Most Important Symptoms & Effects, Both Acute & Delayed, Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability Conditions	Non flammable.
Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, foam, dry chemical or water spray
Combustion Hazards	Non combustible. No specific fire hazards associated with this product. May evolve toxic fumes (carbon oxides, hydrocarbons) when heated to decomposition.
Explosion	No information to indicate that the product is an explosion hazard. Closed containers may explode when exposed to extreme heat.
Protective Equipment for Fire Fighters	Fire Fighters should wear Self-Contained Breathing Apparatus and full protective clothing appropriate to the principal fire hazard or the source of the fire.

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilled. Avoid contact with eyes and skin. Eliminate all sources of ignition. Increase ventilation.
Containment	Stop the leak if safe to do so. Isolate the danger area. Contain the spill and absorb with a proprietary absorbent material, sand or earth.
Clean Up Procedures	Spillages are slippery. Large Spills: Wear personal protective equipment to prevent skin and eye contact. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain and collect using a suitable non-flammable absorbent material. Do not allow to enter sewers or any body of water. Place in suitable sealed labelled containers for disposal. Rinse spill area thoroughly with water. Small Spills: Wipe up with cloth or absorbent paper. Wash area down with water.
Environmental Precautionary Measures	Use appropriate containment to avoid environmental contamination. Do not let product enter drains, surface water, sewers or water courses. Advise local authorities if this occurs.
Disposal	Dispose of in accordance to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

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7. HANDLING AND STORAGE

Safe Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene when using this product, i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep container closed when not in use.
Storage	Store in a clean, dry, cool well ventilated area away from strong acids or oxidizers. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Ingredient Name	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Ethanol	1000	1880	-	-
2-Butoxyethanol	20	96.9	50	242

Biological Limit No data available

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715; Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Engineering Controls Use in well ventilated areas. Natural ventilation should be adequate under normal use conditions. If natural ventilation is inadequate, use of a fan is recommended. Maintain vapour levels below the recommended exposure standard.

Personal Protective Equipment Repeated or prolonged exposure to the material without personal protection should be avoided in order to lessen the possibility of disorders. The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Eye Protection Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves when skin contact is likely.

Respiratory Protection Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light Blue Liquid
Odour	Slightly Alcohol
Solubility	Miscible in Water
Specific Gravity (20°C)	1%

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Relative Vapour Density (air=1)	Not Available
Vapour Pressure (20°C)	Not Available
Flash Point (°C)	Not Applicable
Flammability	Non Flammable
Autoignition Temp (°C)	Not Applicable
% Volatile by Weight	Not Available
Boiling Point/Range (°C)	100°C (approx)
Melting Point/Range (°C)	Not Applicable
Decomposition Point (°C)	Not Available
Viscosity	Not Available
Evaporation Rate	Not Available

10. STABILITY AND REACTIVITY

Stability	Stable under recommended conditions of use and storage.
Conditions to Avoid	Avoid contact with foodstuffs. Avoid heat, open flames and other ignition sources.
Incompatible Materials	Incompatible with oxidising agents.
Hazardous Decomposition Products	Hazardous decomposition products are not expected to form during normal storage and use. May evolve toxic fumes (carbon oxides, hydrocarbons) when heated to decomposition.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No data available for this product.
Health Hazard Summary	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:
Potential Acute Health Effects	
Inhalation	Not normally an inhalation risk under normal conditions of use. Excessive inhalation of spray mist may cause slight irritation of throat, possible headaches and nausea.
Ingestion	No adverse effects expected, however, large amounts may cause irritation to mouth esophagus and stomach. May cause headaches, nausea and vomiting.
Skin Contact	Prolonged skin contact in concentrated or diluted form without rinsing may produce skin irritation characterised by redness or itching.

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Eye Contact The concentrated form may be an eye irritant. Repeated exposure to the eye may produce inflammation of the eye.

Potential Chronic Health Effects

Carcinogenicity No known significant effects or critical hazards

Mutagenicity No known significant effects or critical hazards

Reproductive Toxicity No known significant effects or critical hazards

Toxicity Data

ETHANOL (640-17-5):	
LD50/oral/rat	7060g/kg
LC50/inhalation/rat	38mg/l/10h
2-BUTOXYETHANOL (111-76-2):	
LD50/oral/rat	560mg/kg
LC50/inhalation/rat	240mg/l/4h

12. ECOLOGICAL INFORMATION

Ecotoxicity No information available for this product.

**Persistence/
Degradability** No information available for this product.

Mobility No information available for this product.

**Bioaccumulative
Potential** No information available for this product.

**Environmental
Protection** Avoid contaminating waterways. Do not discharge into storm water or waterways.

13. DISPOSAL CONSIDERATIONS

**Disposal
Considerations** The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. This material and its container must be disposed of in a safe way. Empty containers may retain some product residues.

14. TRANSPORT INFORMATION

Transport Information

Not classified as dangerous for transport (ADG, IMDG, IATA).

Special Precautions for User

No known special precautions required.

15. REGULATORY INFORMATION

SUSMP A poison schedule has not been allocated for this product.

AICS (Australia) All ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

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16. OTHER INFORMATION

Contact Person/Point Technical Information: (03) 9338 6655

Date of Preparation or last revision of MSDS MSDS reviewed: June 2016

Abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
CAS Number	Chemical Abstracts Service Registry Number
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
ppm	Parts Per Million
mg/m³	Milligrams per Cubic Metre
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
GHS	Globally Harmonised System of Classification and Labelling
SUSMP	Standard for the Uniform Scheduling of Drugs and Poisons
AICS	Australian Inventory of Chemical Substances
NOHSC	National Occupational Health and Safety Commission

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS