

# Safety Data Sheet



## MARINE GLASS CLEANER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER			
Product Name	Marine Glass Cleaner		
Product Code	1MGC		
Product Use	Glass cleaner for naval vessels		
Company Name	Sure Kleen Products Pty. Ltd.		
Address	9 Agett Rd Malaga WA 6090		
Emergency Telephone	1800 057 377		
Telephone	(08) 9248 7444		
Fax	(08) 9248 7733		
Web	<a href="http://www.surekleenproducts.com.au">www.surekleenproducts.com.au</a>		
2. HAZARDS IDENTIFICATION			
Hazard Classification	Classified as hazardous according to ASCC criteria		
Hazard Category	Flammable		
Risk Phrases		R11 – Highly flammable	
Safety Phrase		P210 Keep away from heat/sparks/open flames/hot surfaces. ñ No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge	
Dangerous Goods	Classified as a Dangerous Good according to the criteria of the ADG Code		
3. COMPOSITION/INFORMATION ON INGREDIENTS			
	Ingredient	CAS No.	Proportion
	Ethanol	64-17-5	30-60%
	Water and other non-hazardous ingredients	-	to 100%
4. FIRST AID MEASURES			
Inhalation	Remove victim to fresh air. Keep victim calm and seek medical attention if ill-effects persist.		
Ingestion	Do not induce vomiting. Give plenty of water to drink. Loosen tight clothing. If victim is not breathing, apply artificial respiration. Seek immediate medical attention or contact the poisons information centre (Telephone 13 11 26).		
Skin	Remove contaminated clothing and flush affected area with running water. Wash contaminated clothing before re-use.		
Eye	If in eyes, hold eyelids apart and irrigate with clean water for 15 minutes. Seek medical attention if irritation persists.		
First Aid Facilities	Eye wash station.		
Advice to Doctor	Treat symptomatically.		
5. FIRE FIGHTING MEASURES			
Flammability	Flammable liquid. Will burn if involved in a fire.		
Extinguishing Media	Water spray, alcohol foam, dry chemical or carbon dioxide.		
Hazards from	Vapours may form explosive mixtures with air. May evolve toxic gases including		

# Safety Data Sheet



<b>Combustion Products</b>	carbon monoxide, carbon dioxide and hydrocarbons when heated to decomposition.
<b>Precautions for Fire Fighters</b>	In the event of a major fire, wear full protective clothing.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Emergency Procedures</b>	Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel away from spill.
<b>Spills &amp; Disposals</b>	Contain and recover liquid if possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material such as vermiculite, dry sand or earth and place in a chemical waste container. Do not use combustible materials such as sawdust. Do not flush to sewer.
<b>7. HANDLING AND STORAGE</b>	
<b>Storage</b>	Store in original container in a cool, well ventilated area out of direct sunlight. Keep containers tightly closed when not in use. Do not store or transport with flammable gases, explosives, spontaneously combustible substances, oxidising agents or foodstuffs.
<b>Handling</b>	Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating, drinking, smoking or using the toilet.
<b>8. EXPOSURE CONTROL/PERSONAL PROTECTION</b>	
<b>Exposure Standards</b>	Ethanol TWA = 1880mg/m <sup>3</sup> (1000ppm)
<b>Biological Limits</b>	None allocated.
<b>Engineering controls</b>	Use in well ventilated area. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour level below the recommended exposure standard.
<b>Personal Protective Equipment</b>	<b>Eye Protection:</b> Use chemical safety goggles where splashing is possible or spillage occurs. (AS 1336/1337). <b>Glove Type:</b> Impervious PVC, rubber or nitrile gloves (AS 2161). <b>Clothing:</b> Wear impervious protective clothing, including boots, apron or coveralls as appropriate to prevent skin contact. <b>Respirator:</b> Where ventilation is inadequate, wear an approved organic vapour respirator complying with AS 1716.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance</b>	Clear blue liquid
<b>Odour</b>	Characteristic alcoholic odour
<b>pH (neat)</b>	Approximately 8
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Boiling Point/Range</b>	Approximately 80°C
<b>Freezing/Melting point</b>	Below -30°C
<b>Solubility in Water</b>	Miscible in all proportions
<b>Specific Gravity</b>	Approximately 0.9
<b>Flash Point</b>	19°C (Abel closed cup)
<b>Flammable Limits</b>	Lower limit: 6% v/v; Upper limit: 19% v/v (in air @ 20° C)
<b>Other Information</b>	
<b>10. STABILITY AND REACTIVITY</b>	
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other sources of ignition.
<b>Materials to Avoid</b>	Incompatible with strong oxidising agents.
<b>Decomposition</b>	May emit toxic or irritating fumes if heated to decomposition.

# Safety Data Sheet



<b>Hazardous Reactions</b>	None known.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Health Hazard Summary</b>	No adverse health effects expected if material is handled in accordance with the Material Safety Data Sheet. Low to moderate toxicity. This product has the potential to cause adverse health effects with chronic over exposure (inhalation or ingestion). Use safe work practices to avoid eye and skin contact and overexposure via inhalation.
<b>Inhalation</b>	Inhalation of vapour may cause irritation to respiratory system, coughing and headache. Overexposure may result in nausea, dizziness and drowsiness.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Aspiration may cause lung damage.
<b>Skin</b>	Prolonged or repeated contact may result in drying and defatting of the skin, rash or in extreme cases dermatitis.
<b>Eye</b>	Vapour may irritate the eyes. Eye contact with liquid may result in lacrimation, irritation and redness.
<b>Toxicity Data</b>	Acute toxicity: Oral LD50 (rat)>25,000mg/kg
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	No data available.
<b>Persistence and Degradability</b>	In air, ethanol photodegrades with a half-life ranging from hours to days. In water and soil, ethanol is regarded as biodegradable. Ethanol does not bioaccumulate.
<b>Mobility</b>	If spilled on soil, ethanol will either evaporate due to the relatively high vapour pressure or leach into the ground due to its low absorption in soil.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal</b>	For disposal of small amounts absorb with sand, vermiculite or similar non-combustible material and dispose of at an approved landfill site. For larger amounts, refer to waste management authority. Normally suitable for disposal at approved waste site. Containers should be thoroughly rinsed and recycled.
<b>Legislation</b>	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.
<b>14. TRANSPORT INFORMATION</b>	
<b>Classified as a Dangerous Good according to the criteria of the ADG Code</b>	
<b>U.N. Number</b>	1170
<b>Proper Shipping Name</b>	ETHANOL SOLUTIONS
<b>Class and Subsidiary Risk(s)</b>	Flammable 3
<b>Packing Group</b>	III
<b>Special Precautions</b>	None allocated
<b>Hazchem Code</b>	2[Y]E
<b>15. REGULATORY INFORMATION</b>	
<b>Poisons Schedule</b>	Not scheduled.
<b>AICS</b>	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
<b>16. OTHER INFORMATION</b>	
<b>Contact Point</b>	John Browner
<b>Title</b>	Technical Manager
<b>Telephone</b>	08 9248 7444
<b>After Hours</b>	1800 057 377
<p>The information contained in this Material Safety Data Sheet is believed to be accurate and reliable; however, Sure Kleen Products shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users</p>	

# Safety Data Sheet



should read this Material Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.

**End of Report**