Safety Data Sheet

GLEAM

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Gleam
Product Code	1GC
Product Use	Toilet bowl and urinal cleaner
Company Name	Sure Kleen Products Pty. Ltd.
Address	9 Agett Road Malaga WA 6090
Emergency Telephone	1800 057 377
Telephone	(08) 92487444
Fax	(08) 92487733
Web	www.surekleenproducts.com.au

2. HAZARDS IDENTIFICATION

Globally Harmonised System Hazard Classification	Classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Signal Word	None
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 Classifications	Skin corrosion/irritation: Category 2

2.2 Lable elements

Hazard pictograms : Signal word :



Danger Hazard statements

H315 - Causes skin irritation

H318 - Causes serious eye damage Precautionary statements

P102 - Keep out of reach of children

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

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

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

P501 - Dispose of contents/container to an appropriate local waste system

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Proportion
Lactic Acid	50-21-5	<20%
Citric Acid	77-92-9	<5%%
Water and other non-hazardous ingredients	-	to 100%

4. FIRST AID MEASURES

Inhalation	Remove victim from exposure. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	Rinse mouth thoroughly with water. Give water to drink. Do NOT induce vomiting. If victim can swallow, have him/her drink 250 to 300 mL of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain medical attention immediately.
Skin	Immediately drench with running water and remove contaminated clothing including shoes. If irritation persists repeat flushing. Wash contaminated clothing before re-use or discard.
Eye	If in eyes, hold eyelids apart and irrigate with clean water for at least 15 minutes. Seek immediate medical assistance.
First Aid Facilities	Eye wash station and safety shower.
Advice to Doctor	Treat symptomatically for acids Lactic and citric acid.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.
Hazards from Combustion Products	In the event of a major fire, this product may emit toxic fumes.

Precautions for Fire Fighters	Cool containers with water to prevent containers from rupturing.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Small spills may be diluted with water or neutralised with soda ash and mopped up. Personnel involved in the clean up of large spills should wear appropriate protective clothing as specified in Section 8. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Stop leak if safe to do so. Do not let product enter drains or waterways.
Spills & Disposals	Contain and recover liquid where possible. Use material such as earth to contain spill and pack contaminated material into appropriate containers for disposal at approved site. Spills can be neutralized with lime or soda ash. Wash affected area with water.

7. HANDLING AND STORAGE

Storage	Store in original container in a cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use.
Handling	Wear protective clothing as specified in Section 8 when handling product in bulk or there is potential for skin and eye contact. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Standards	No exposure standards are set for this product.
Biological Limits	None allocated.
Engineeringcontrols	Use with good general ventilation.
Personal Protective Equipment	Wear rubber gloves and waterproof footwear. Mix, if required, only in plastic containers or buckets. If there is a risk of splashing into eyes, wear safety glasses with side shields. Maintain good hygiene practices ie wash hands before eating, drinking, smoking and after using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear pink mobile liquid
Odour	None
pH (neat)	2 – 2.5
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	Approximately100ºC
Freezing/Melting point	<0ºC
Solubility in Water	Miscible in all proportions
Specific Gravity	Approximately 1.0
Flash Point	Not applicable
Flammable Limits	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Materials to Avoid	Alkaline materials, strong oxidising agents and chlorine products (pool chemicals).
Decomposition	Only in a major fire (composition unknown)
Hazardous Reactions	Reacts with alkalis with evolution of heat. Reacts with chlorine products (pool chemicals) with evolution of toxic chlorine gas.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Product is acidic and can cause serious damage to eyes. Contact may cause irritation

	Lacrimation, pain and redness. May result in burns with continued contact.		
Inhalation	Not a likely route of exposure (product is not volatile). Inhalation of mist or spray may cause respiratory irritation.		
Ingestion	Ingestion may cause irritation of the mouth and throat, stomach pain, nausea, vomiting and diarrhoea.		
Skin	Repeated or prolonged skin contact may cause redness and discomfort.		
Eye	Product is acidic and can cause serious damage to eyes. Contact may cause irritation Lacrimation, pain and redness. May result in burns with continued contact.		
Toxicity Data	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity
Lactic Acid	1810 mg/kg (Guinea pig)	➢ 2000 mg/kg (Rabbit)	-

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product does not contain phosphates. Product based on fully biodegradable
	surfactants
Persistence and Degradability	No data available.
Mobility	No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to waste management authority. Containers should be thoroughly rinsed and recycled.
Legislation	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the criteria of the ADG Code	
U.N. Number	None allocated
Proper Shipping Name	None allocated
Class and Subsidiary Risk(s)	None allocated
Packing Group	None allocated
Special Precautions	None required
Hazchem Code	None allocated

15. REGULATORY INFORMATION

Poisons Schedule	Not scheduled
AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Contact Point	John Browner
Title	Technical Manager
Telephone	08 92487444
After Hours	1800 057 377

The information contained in this 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 should read this 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