SAFETY DATA SHEET

BEER GLASS CLEANER

Infosafe No.: CI02V
ISSUED Date : 07/10/2021
ISSUED by: CUSTOM CHEMICALS INTERNATIONAL PTY LTD

1. Identification

GHS Product Identifier
BEER GLASS CLEANER

Product Code
0010054

Company name
CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

Address
103-107 Potassium Street Narangba
QLD AUSTRALIA

Telephone/Fax Number
Tel: 07 3204 8300
Fax: 07 3204 8311

Emergency phone number
13 1126 in Australia (AH)

Recommended use of the chemical and restrictions on use
Water based cleaner

2. Hazard Identification

GHS classification of the substance/mixture
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 Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

Signal Word (s)
WARNING

Hazard Statement (s)
Contact with acids liberates toxic gas.
Causes skin irritation.
Causes serious eye irritation.

Pictogram (s)
Exclamation mark

Precautionary statement – Prevention
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Disodiummetasilicate	6834- 92- 0	0- <10 %
Sodium Hypochiorite	7681- 52- 9	<5 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia	-	-

4. First-aid measures

Inhalation
If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

Skin
Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities
Eyewash, safety shower and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. Fire-fighting measures

Fire Fighting Measures
Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

Suitable Extinguishing Media
Use carbon dioxide, water fog or fine water spray. Use media appropriate for the surrounding fire conditions.

Hazards from Combustion Products
Non combustible material however if involved in a fire will emit toxic fumes.

Specific Hazards Arising From The Chemical
This product is non combustible.

6. Accidental release measures

Spills & Disposal

Minor spills do not normally need any special clean up measures. In the event of a latrge spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination.
Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for dispoasl by an approved agent according to local regulations.
Residual deposits will remain slippery, wash down with excess water. If contamination of drains or sewers occurs advise local emergency services.

7. Handling and storage

Precautions for Safe Handling
Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

Conditions for safe storage, including any incompatibilities
Store in a cool dry well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection
This product is a hazardous (IRRITANT) cleaning liquid. Once diluted with 1 equal volume of water (1:2 dilution), the product is no longer classified as hazardous according to the criteria of Safe Work Australia. Use good occupational work practice.
The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

Occupational exposure limit values
No Exposure Limit Established

Appropriate engineering controls
Special ventilation is not normally required. Nevertheless, adequate ventilation to keep mists and/or vapour levels to a minimum should be provided.

Respiratory Protection
Not required for normal cleaning operations. Where high contaminant spray mist or vapour levels exist, ie, approaching the exposure limit, the following additional equipment is required: For short elevated exposures, eg, spillages:-
Appropriate organic vapour cartridge respirator as per the requirements of AS/NZS 1715 and AS/NZS 1716 (Respiratory protective devices). For prolonged exposure and
confined spaces:- full face air supplied or self contained breathing apparatus (if vapour levels exceed the Exposure Limit by more than ten times, air supplied pparatus should be used).

Eye Protection
Generally not required to handle properly diluted solutions of the product. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

Hand Protection
Generally not required to handle properly diluted solutions of the product. Overalls, work boots & elbow length gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting etc.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Non viscous, straw coloured liquid
Odour	faint chlorine	**Freezing Point**	Approx 0°C
Boiling Point	100°C	**Solubility in Water**	Miscible in all proportions.
Specific Gravity	1.09 - 1.11 (25°C)	**pH**	13.0 (neat)
Vapour Pressure	Not available	**Volatile Component**	Ca 80% v/v
Flammability	Non combustible		

10. Stability and reactivity

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
ACIDS: violent reaction can occur, yielding heat and pressure which can burst an enclosed container. Attacks many reactive metals (aluminium/magnesium/zinc alloys) releasing highly flammable gas (hydrogen) which generates fire or explosion hazards.
Reacts slowly with ambient air (particularly carbon dioxide) which may cause certain insoluble salts top form in solutions.

Incompatible materials
Amines, ammonium salts, aziridine, methanol and phenylacetonitrile

Hazardous Decomposition Products
Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Reacts vigorously with acids producing dangerous levels of gaseous chlorine.

Hazardous Polymerization
Reacts vigorously with acids producing dangerous levels of gaseous chlorine.

11. Toxicological Information

Toxicology Information
No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

Acute Toxicity - Oral
For Disodium Metasilicate: LD50(rat) 770 mg/kg
LD50(mouse) 250 mg/kg
The toxic effects of the product are caused by the alkalinity and not by substance specific corrosive nature of the product.

Ingestion
Swallowing can result in nausea, vomiting of blood and eroded tissue; chemical burns of the mouth, throat & abdomen; perforation of the gastrointestinal tract.

Inhalation
Inhalation of mists or aerosols can produce mucous membrane and respiratory irritation.
Exposure to high concentrations of the product in liquid form or as a mist may lead to possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.

Skin
Irritant. may cause skin burns, severe irritation. Corrosion will continue until removed. Severity depends on the concentration and duration of exposure. Burns are not immediately painful; onset of pain may be minutes to hours.

Eye
Irritant. Eye contact will cause stinging, blurring, tearing & pain.

Chronic Effects
Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

12. Ecological information

Ecotoxicity
Harmful to aquatic life.

Persistence and degradability
Individual components stated to be biodegradable.

Mobility
Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

Environmental Protection
Prevent large amounts from entering waterways, drains and sewers.

13. Disposal considerations

Disposal considerations
Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. Transport information

Transport Information
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

U.N. Number
None Allocated

Transport hazard class(es)
None Allocated

15. Regulatory information

Regulatory information
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)

Poisons Schedule
S5

Australia (AICS)
All ingredients present on AICS.

16. Other Information

Date of preparation or last revision of SDS
SDS reviewed: October 2021, Supersedes: Oct 2016

References
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.
Hazardous Chemical Information System (HCIS) / Hazardous Substances Information System (HSIS), Safe Work Australia.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

Uses and Restrictions
Use in a concentration of 1 part product to 20 parts water. Follow instructions and recommendations of the machine manufacturer. Rubber gloves should be worn particularly during hand washing.

User Information
A mildly chlorinated detergent for the routine cleaning of beer glasses either by hand application or by an automatic glass washing machine. This product is specifically designed for the removal of the inevitable build up of scale deposits and other hard to remove stains such as lipstick.

Other Information
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS