

BLUE AQUA SOLUTION COMPANY LIMITED

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

PRODUCT NAME	A-SEI BATHROOM DISINFECTANT&CLEANER
	Bathroom Cleaning and Disinfection
Effective Date	12 December 2022
Address	9/155 Moo.5 Pahon Yothin Rd, Klong Nueng Klong Luang, Pathumthani 12120
Telephone	087-545-5621
Emergency Telephone Number	087-545-5621

2. HAZARDS IDENTIFICATION

GHS Classification:

Flammable liquids	Category 4
Acute Toxicity:	
Oral:	Category 4
Dermal:	Not Classified
Inhalation:	Not Classified
Skin Corrosion/ Irritation:	Category 2
Serious eye damage/ irritation:	Category 1
Skin sensitisation:	Not Classified
Respiratory sensitisation:	Not Classified
Germ cell mutagenicity:	Not Classified
Carcinogenicity:	Not Classified
Reproductive toxicity:	Not Classified
Specific target organ toxicity (single exposure):	Not Classified
Specific target organ toxicity (repeated exposure):	Not Classified
Aspiration hazard	Not Classified
Hazardous to the aquatic environment – acute hazard	Not Classified

GHS Label Elements:

Pictograms:



Signal Word:

DANGER

Hazard Statements:

H227: Combustible liquid.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

Precautionary Statements:**Prevention**

- P210:** Keep away from flames and hot surface. No smoking.
P280: Wear protective gloves/eye protection/face protection.
P264: Wash hand thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

Response

- P370+P378:** In case of fire: Use dry chemical for extinction.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330: Rinse mouth.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
P305+P351+P338: IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.

Storage

- P403+P235:** Store in a well-ventilated place. Keep cool.

Disposal

- P501:** Dispose of contents/container in accordance with local regulation.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	% Weight
Didecyl dimethyl ammonium chloride	7173-51-5	0.50
Diethylene glycol n-butyl ether	112-34-5	3.50
Alkyl dimethyl amine oxide	61788-90-7	1.50
Monoethanolamine	141-43-5	5.00
Sorbitan monooleate	500-019-9	1.50

4. FIRST AID MEASURES

General Advice	Never give anything by mouth or try to cause vomiting to an unconscious person. When obtaining medical attention, bring this safety data sheet.
Inhalation	Remove victim from contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention if necessary.
Skin Contact	Remove contaminated clothes. Flush with large amount of water for at least 15 minutes Use a mild soap if available. Get medical attention if irritation persists.
Eye Contact	Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Get immediate medical attention. Continue rinsing. Get medical attention immediately

Ingestion	Do not induce vomiting. Dilute contents of stomach using 3-4 glasses of milk or water. Get immediate medical attention.
------------------	--

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry Chemical, Foam, Water spray (fog).
Specific Hazards	Not flammable or combustible.
Special Protective Equipment For Firefighters	Positive pressure self-contained breathing apparatus (full face-piece type). Protective clothing, gloves, helmet.
Additional Information	Flash Point: > 93°C P-M (CC).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment.
Protection and Spill Containment	Ventilate area. Contain and absorb on absorbent material. Place in waste disposal container. Flush area with water. Spread sand/ grit. Comply with all government regulation regarding disposal.
Environmental Precautions	Ventilate area. Contain and absorb on absorbent material. Accidental release of large quantities into the aquatic environment may harm aquatic organisms

7. HANDLING AND STORAGE

Safe Handling Advice	Wear personal protective equipment.
Storage	Keep out of reach of children.Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection	Safety glasses.
Skin Protection	Chemical resistance gloves. Wash off after each use. Replace as necessary.
Respiratory Protection	Air respirators. If air-purifying respirator use is appropriate, use respirator with organic vapor/acid gas cartridge and dust/mist prefilter.
Engineering Controls	Adequate Ventilation.
National Occupational Exposure Limits	No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Yellowish liquid	Upper/ Lower Flammability or Explosive Limits	Not Determined
Physical State	Liquid		
Odor	Rainforest	Vapor Pressure (mmHg)	Not Determined
Odor Threshold	Not Determined	Vapor Density (air=1)	Not Determined
pH (as is, 25°C)	11.0-12.0	Solubility (water)	Soluble
Specific Gravity (25°C)	0.90 - 1.05	Partition Coefficient: n-octanol/water	Not Determined
Freezing Point (°C)	Not Determined		
Initial Boiling Point and Boiling Range	Not Determined	Auto-Ignition Temperature	Not Determined
		Decomposition Temperature	Not Determined
Flash Point (P-M(CC) °C)	> 93	Viscosity	Not Determined
Evaporation Rate	Not Determined		

10. STABILITY AND REACTIVITY	
Stability	Stable under normal storage conditions.
Hazardous Polymerization	No.
Incompatibilities	None known.
Decomposition Products	In case of fire hazardius decomposition products may be produced such as : Carbon oxides, Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	Oral LD50 RAT (estimated value) >1,990 mg/kg
	Dermal LD50 RABBIT (estimated value) >5,000 mg/kg
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/ Irritation	Category 1
Respiratory or Skin Sensitization	Not Classified.
Germ Cell Mutagenicity	Not Classified.
Carcinogenicity	Not Classified.
Reproductive Toxicity	Not Classified.
STOT-single exposure	Not Classified.
STOT-repeated exposure	Not Classified.
Aspiration Hazard	Not Classified.
12. ECOLOGICAL INFORMATION	
Aquatic Toxicity	No information available.
Persistence and Degradability	No information available.
Bioaccumulative Potential	No information available.
Mobility in Soil	No information available.

13. DISPOSAL CONSIDERATIONS	
Disposal of Product / Packaging	Comply with local or state regulations regarding disposal
14. TRANSPORT INFORMATION	
PROPER SHIPPING NAME	Not Regulated.
UN NUMBER	Not Regulated.
PRIMARY HAZARD CLASSIFICATION	Not Regulated.
PACKING GROUP	Not Regulated.
Marine Pollutant (Yes/ No)	No

15. REGULATORY INFORMATION
This product is classified and labelled according to the guidelines of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

16. OTHER INFORMATION		
NFPA/HMIS	CODE	TRANSLATION
Health	2	Moderate Danger
Fire	1	Slight Hazard
Physical Hazard	0	Minimal Hazard
(1) Protective Equipment	B	Safety Glasses, Gloves

(1) Refer to section 8 of SDS for additional protective equipment recommendations.

Prepared By:	Product Support Department
Date Prepared:	12/12/2022
Version Number:	221212
Reason for revision:	221212: Conversion to GHS – SDS format.