


BLUE AQUA SOLUTION COMPANY LIMITED

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING	
PRODUCT NAME	A-SEI KITCHEN DISINFECTANT&CLEANING SOLUTION
	Disinfectant
Effective Date	10 April 2023
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:	
Corrosive to Metals	Not Classified
Acute Toxicity:	
Oral:	Category 5
Dermal:	Category 5
Inhalation:	Not Classified
Skin Corrosion/ Irritation:	Category 3
Serious eye damage/ irritation:	Category 2
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:	Hazard Statements:
	WARNING	H303: May be harmful if swallowed. H313: May be harmful in contact with skin. H316: Causes mild skin irritation. H319: Causes serious eye irritation.

Precautionary Statements:**Prevention****P264:** Wash hands thoroughly after handling.**P280:** Wear protective gloves/protective clothing/eye protection/face protection.**Response****P312:** Call a POISON CENTER/doctor/physician if you feel unwell.**P332+P313:** If skin irritation occurs: Get medical advice/attention.**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P337+P313:** If eye irritation persists: Get medical advice/attention.**Storage**

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Disposal

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3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	% Weight
Diethylene glycol n-butyl ether	112-34-5	24.000
Alkyl dimethyl amine oxide	61788-90-7	8.400
Triethanolamine	102-71-6	23.760
Alkyl (C14 50%, C12 40%, C16 10%)	63449-41-2	1.600
Dimethyl benzyl ammonium chloride	32426-11-2	1.200
Octyl decyl dimethyl ammonium chloride	5538-94-3	0.480
Dioctyl dimethyl ammonium chloride	7173-51-5	0.720

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 15 minutes. Get medical attention if irritation persists.
Eye Contact	Immediately flush eyes with water for 15 minutes. Get immediate medical attention.
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	Carbon dioxide, Dry Chemical, Foam, Water spray (fog).
Specific Hazards	May be combustible at high temperatures.
Special Protective Equipment For Firefighters	Positive pressure self-contained breathing apparatus (full face-piece type). Protective clothing, gloves, helmet.
Additional Information	Flash Point: > 100°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 containers closed when not in use. Protect from freezing.
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	Coloeless-Yellow clear	Upper/ Lower Flammability or Explosive Limits	Not Determined
Physical State	Liquid		
Odor	Mint	Vapor Pressure (mmHg)	Not Determined
Odor Threshold	Mint	Vapor Density (air=1)	Not Determined
pH (as is, 25°C) @1% solution	9.00-10.00	Solubility (water)	Soluble
Specific Gravity (25°C)	0.95-1.00	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)	> 100	Viscosity	Not Determined
Evaporation Rate	Not Determined		

10. STABILITY AND REACTIVITY	
Stability	Stable under normal storage conditions.
Hazardous Polymerization	No.
Incompatibilities	May react with strong oxidizers. Avoid oxidizers such as potassium/ ammonium nitrates, potassium nitrite/ chlorates.
Decomposition Products	Thermal decomposition (destructive fires) may yield ammonia, sulphur oxides, oxides of phosphorous and carbon oxides.

11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	Oral LD50 RAT (estimated value) 3,828.79 mg/kg.
	Dermal LD50 RABBIT (estimated value) 3,422.43 mg/kg.
Skin Corrosion/Irritation	Category 3: Causes mild skin irritation.
Serious Eye Damage/ Irritation	Category 2: Causes serious eye irritation.
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	1	Slight Hazard
Fire	0	Minimal Hazard
Physical Hazard	1	Slight 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:	10/04/2023
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