allmedicus | GlucoDr.
Allmedicus Co., Ltd.
#7102~7107, #7402, #7403, #7406, 140, Beolmal-ro, Dongan-gu,
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MSDS

(Material Safety Data Sheet)

ITEM: AGM-4000 Control Solution

All Medicus Co., Ltd.

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1. PRODUCT IDENTIFICAITON

Product Name: AGM-4000 Control Solution

Business: Patient Care

Manufacturer: All Medicus Co., Ltd.
#7102~7107, 7402, 7403, 7406, 140, Beolmal-ro, Dongan-gu, Anyang-si,
Gyeonggi-do, 14057, REPUBLIC OF KOREA

Instrument Type: 2.5 ml / bottle

Emergency Phone Number: +82-31-425-8288

Intended use: AGM-4000 Control Solution is for use with the AGM-4000 Blood Glucose Test Meter and Blood Glucose Test Strips to check whether the meter and test strip are working together properly.

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

	CAS Number	Weight (mg/mL)	
Glucose	50-99-7	CS1	0.9
		CS2	2.4
Disodium EDTA	6381-92-6	1.0	
Erioglaucine (Dye)	3844-45-9	0.2	
Stabilizer	532-32-1	2.0	

3. HAZARD IDENTIFICATION

1) Primary Routes of Entry: Ingestion, skin
2) Inhalation: N/A
3) Ingestion: Though not a likely route of occupational exposure, ingestion of this product may cause vomiting or nausea.
4) Skin Contact: N/A
5) Eye Contact: May cause irritation if in contact with eye. No adverse health reactions are expected if eye contact occurs during the normal use of this product.
6) Chronic Exposure: N/A
7) Medical Conditions Aggravated Exposure: N/A
8) Health Effects.: N/A

4. FIRST AID MEASURES

1) Inhalation: If breathing becomes difficult, remove victim to fresh air. Get medical attention.
2) Ingestion: As a precaution, get medical attention if there has been ingestion of this product.
3) Skin Contact: If contact with this product leads to reddening, inflammation, or irritation, flush the exposed area with running water. If irritation persists, get medical attention.

4) Eye Contact: Although no adverse health reactions are expected from the normal use of this product. It is recommended to flush eyes with water and to seek medical advice whenever there has potential injury to the eye.

5. FIRE FIGHTING MEASURES

1) Flash Point(Method used) : N/A
2) Extinguishing Media: Use fire extinguishing media appropriate for site conditions.
3) Special Fire Procedures: Structural firefighting gear and self-contained breathing apparatus will provide adequate protection if this product is in a fire area.
4) Unusual Fire and Explosion Hazards: N/A

6. ACCIDENTIAL RELEASE MEASURES

1) Use an absorbent material to contain/pick up the spilled solution. Place all contaminated disposables into a suitable container, seal, label and hold for disposal.

7. HANDLING AND STORAGE

1) Refer to the insert in the packaging for storage information. : The AGM-4000 Control Solution should be stored at room temperature 1 ~ 32℃ and shaken before use.
2) Wipe the tube tip and reseal tightly after each use. If the tip clogs, tap the tip slightly on a clean and hard surface, shake again, and then use. Use before the expiration date printed on the label. Discard any unused Control solution 120 days after opening. Note the discard date on the vial label.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1) Ventilation data: Supplemental ventilation is not required for the normal use of this product.
2) Respiratory Protection: Respiratory protection is not required under normal use of this product.
3) Protective Gloves: Although chemical protective gloves are not required under the normal use of this product, it is recommended by lab protocol to use appropriate protective gloves.
4) Other Protective Equipment: Wear appropriate eye protection to prevent eye contact. Wear appropriate body protection to prevent skin contact.
5) Other Engineering Controls: Eye wash stations and deluge showers.
6) Work Practices: Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Do not place in mouth.
7) Hygienic Practices: Do not eat, drink, or smoke while working with product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid (Blue colored solution)
pH	Not applicable
Flash Point	Not applicable
Boiling Point	Not applicable
Solubility in water	Soluble
Explosive properties	Not established
Stability:	Product is stable under normal handling and storage conditions.
Incompatibility (Materials to Avoid):	NA
Hazardous Decomposition Products:	NA

10. STABILITY AND REACTIVITY

1) Incompatibility(Materials to Avoid) : N/A
2) Hazardous Decomposition Products : N/A
3) Will Hazardous Polymerization Occur? : Hazardous polymerization will not occur.
4) Conditions to Avoid/Polymerization : N/A
5) Is the product stable? : Yes, under normal handling and storage conditions.
6) Conditions to Avoid/Stability: Do not refrigerate, store 1~32℃ and out of direct sunlight.

11. TOXICOLOGICAL INFORMATION

1) Toxicity data : N/A
2) Reproductive Effects : N/A
3) Target Organ Effects : N/A
4) Carcinogenicity : N/A

12. ECOLOGICAL INFORMATION

1) Environmental Fate/Stability : N/A
2) Effect of Material on Plants or Animals : N/A
3) Effect of Chemical on Aquatic Life : N/A

13. DISPOSAL CONSIDERATIONS

1) EPA Waste Number and Proper Waste Disposal Method :
- Please consult local, state and federal regulations for additional on disposal.

14. TRANSPORATION INFORMATION

1) Is this material hazardous? Not regulated under transportation regulations.
- Proper Shipping Name : N/A

- Hazard Class Number : N/A
- Packing Group : N/A
- UN Number : N/A
- Not restricted by IATA air transportation regulations

15. REGULATORY INFORMATION

16. OTHER INFORMATION

1) Other Comments : N/A (= Not applicable or no information)