



Saif Zone-Sharjah, UAE.

MATERIAL SAFETY DATA SHEET

PRODUCT: ECG GEL	Version No.: EG/2022-2023/021
SHELF LIFE: 36 MONTHS.	PACK SIZE: 250ml, 5Lt.

1. Identification of the Product and Company:

Product Name: ECG gel

Use: The Electrode Gel is intended use to support the quality of electrical Connection between devices and the human body for ECG acquisition with Reusable electrodes and for Electrical Cardioversion (Defibrillation) with hard Paddles.

For professional use only.

Manufacturer identification: Ameya, Saif Zone-Sharjah, UAE.

2. Composition:

S. No	Ingredient Name	Percentage
01	Propylene Glycol	1-5 %
02	TEA	0.01 %
03	Carbopol	0.5-1 %
04	Potassium sodium tartrate	0.05 %
05	Preservative	0.05 %
06	Purified water	Q. S

3. Hazards Identification:

Critical Hazards: No data available.

Hazard Classification: The product is not hazardous or dangerous.

4. First Aid Measures:

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	No data available	Get medical attention if any inconvenient observations.
Ingestion	No data available	If large quantities are swallowed, get medical attention or advice
Skin	Not expected to be skin irritant.	If irritation occurs, wash with soap and water. If irritation persists, get medical attention. Discontinue the product use.
Eyes	May cause eye Irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.



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5. Fire Fighting Measures:

Flammable Properties: Non-Flammable though keep away from flames and ignition source.

Extinguishing Media: Water spray, carbon dioxide, dry chemical powder, or foam as appropriate.
Aa allowable for the surrounding materials.

Precautions & Equipment for Fire Fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measure:

Personal Precautions: Refer to other sections of this MSDS for information regarding physical and healthhazards, respiratory protection, ventilation, and personal protective equipment.

Environmental Containment: Prevent material from entering drains, surface and ground water.

Spill Clean-up: Wear suitable protective clothing and equipment.

Contain spill recover free product. Wipe small spills with a cloth. Clean with warm water and detergent. Do not touch or walk-through spilled material. Surface may become slippery after spillage.

7. Handling and Storage:

Handling (Personnel): not considered hazardous.

Handling (Physical Aspects): Close container after each use.

Storage: Store in airtight container. Store at below 30°C. store away from contact with foodstuffs.

8. Exposure Controls/Personal Protection:

Engineering Controls: Additional ventilation beyond the general exhaust is not required.

Keep container tightly closed when not in use.

Personal Protective Equipment: Wear safety glasses with side shields. Wear protective glove and suitable clothing. Respiratory protection is not recommended, provide adequate ventilation.



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9. Physical and Chemical Properties:

Physical state: Thick Viscous Gel

Colour: Transparent gel

Odour: odourless

pH: 5.5 – 7.5

Specific gravity: 1.00- 1.10 at 25°C

10. Stability and Reactivity:

Stability: Stable under normal ambient temperatures.

Reactivity: Not reactive.

Flammability: This product is non-combustible

Conditions to Avoid: no data available.

Materials to Avoid: Strong acids, strong alkali and Strong oxidizing agents.

Decomposition: It will not decompose under conditions of usual handling.

Hazardous polymerization: will not occur

11. Toxicological Information:

Effects from Eye Contact: May be irritating.

Effects from Skin Contact: Prolonged or repeated exposure may cause irritation.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Effects from Ingestion: may be harmful.

12. Ecological Information:

Ecotoxicological Information: No information available.

Avoid pollution to soil, rivers and the oceans.

Chemical Fate Information: No information available.



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13. Disposal Considerations:

No special precautions required for disposal of this product. Dispose in accordance with local, state or national legislation.

14. Transport Information:

U.S. Department of Transportation (DOT): Not regulated as dangerous goods.

IATA / ICAO: Not regulated.

15. Regulatory information:

Safety, health and environmental regulations/legislation specific for the substance or mixture:

No data available

Chemical safety assessment: No data available.

16. Other information:

Revision date: 01/22

The information in this MSDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Ameya FZC control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the MSDS. The user should review these regulations to ensure full compliance.