

# SAFETY DATA SHEET (SDS)

SDS – 039

Revision number: 0

Rev. 07/15

GLUCOCARD® 01 Control Solution

Part Numbers: 720005 (Normal-L2) / 740006 (Normal-L2/High-L3)

NDC Numbers: 08317-7200-05/08317-7400-06

For use with the GLUCOCARD 01 and GLUCOCARD 01-mini Blood Glucose Monitoring System

ARKRAY USA, Inc.

5182 West 76<sup>th</sup> Street

Minneapolis, MN 55439

Technical Customer Service:

800-566-8558

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## 1. Identification of the substance/preparation and the company/undertaking

### GHS product identifier

Product name: GLUCOCARD 01 Control Solution

### Other means of identification

Product code(s): 720005 (Normal-L2) / 740006 (Normal-L2/High-L3)

UN-Number: Not applicable

Synonyms: None

### Recommended use of the chemical and restrictions on use

Recommended use: In Vitro Diagnostic

Uses advised against: Not applicable

### Supplier address/information

ARKRAY USA, Inc.  
5182 West 76<sup>th</sup> Street  
Minneapolis, MN 55439  
800-566-8558

Emergency telephone number: 800-566-8558

## 2. Hazards Identification

### Classification

No classification information available

### GHS label elements, including precautionary statements

### Emergency overview

**Signal Word: No signal word**

**Appearance: Clear, blue, aqueous solution    Physical state: Liquid    Odor: None**

### Precautionary statements

#### General advice:

- Call a physician immediately and arrange for transportation to nearest ER (Emergency Room)

#### Eyes:

- Minor Irritation may occur. In case of contact, flush with plenty of water with the eyelid held wide open for at least 15 minutes. Seek medical attention if feeling unwell.

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## Skin:

- May cause minor irritation. Flush with water for at least 15 minutes. Seek medical attention if feeling unwell.

## Inhalation:

- May cause difficulty breathing. Remove victim to fresh air; give oxygen if breathing become difficult. If breathing stops, administer artificial respiration. Seek medical attention if feeling unwell.

## Ingestion:

- Mild irritant. Drink plenty of water. Seek medical attention if feeling unwell.

## Storage:

- Keep container tightly closed. Store at controlled room temperature and condition as indicated on product label. Avoid excessive heat or cold, direct light, and high humidity.

## Disposal:

- Dispose of in accordance with local, state and federal regulations.

## Hazard not otherwise classified (HNOC)

Not applicable

## Other information

Not applicable

## 3. Composition/Information on ingredients

| Chemical name                                 | CAS-No | Weight % | Trade Secret |
|-----------------------------------------------|--------|----------|--------------|
| No hazardous components >1%. >0.1% carcinogen |        |          |              |

## 4. First aid measures

### Description of necessary first-aid measures

#### Eyes:

Minor Irritation may occur. In case of contact, flush with plenty of water with the eyelid held wide open for at least 15 minutes. Seek medical attention if feeling unwell.

#### Skin:

May cause minor irritation. Flush with water for at least 15 minutes. Seek medical attention if feeling unwell.

#### Inhalation:

May cause difficulty breathing. Remove victim to fresh air; give oxygen if breathing become difficult. If breathing stops, administer artificial respiration. Seek medical attention if feeling unwell.

#### Ingestion:

Mild irritant. Drink plenty of water. Seek medical attention if feeling unwell.

### Most important symptoms/effects, acute and delayed

Most important symptoms/effects: No information available

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## Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician:

Symptomatic treatment by a physician.

## 5. Fire-fighting measures

**Suitable extinguishing media:** Use media specific for site conditions.

**Unsuitable extinguishing media:** None

### Specific hazards arising from the chemical

No information available

#### Explosion data:

- No data available

### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for fighting if necessary.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Evacuate personnel to safe area

### Environmental precautions

Review the "Health Hazard Data," ventilate the area.

### Methods and materials for containment and cleaning up

- Methods for cleaning up: Use an absorbent material to pick up spilled solution. Place all contaminated disposables into a suitable container, seal, label, and hold for disposal. Upon completion, flush spill area with large amounts of water.

## 7. Handling and storage

### Precautions for safe handling

Handling:

Keep container tightly closed. Protect from contamination. Wear personal protective equipment.

### Conditions for safe storage, including any incompatibilities

Storage:

Store at controlled room temperature and in conditions as indicated on the product label. Avoid excessive heat or cold, direct light, and high humidity.

Incompatible products:

No data available

## 8. Exposure controls/personal protection

### Appropriate engineering controls

Engineering measures:

Not applicable

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## Individual protection measures, such as personal protective equipment

Eye/face protection: Wear appropriate eye protection to prevent eye contact.  
Skin and body protection: Wear appropriate body protection to prevent skin contact.  
Respiratory protection: Respiratory protection is not required under normal use of this product.  
Hygiene measures: Avoid contact with skin, eyes and clothing.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Liquid  
Odor: None  
Appearance: Clear, blue, aqueous solution  
Odor threshold: Not applicable

| Property                               | Values  | Remarks/Method |
|----------------------------------------|---------|----------------|
| pH                                     | N/A     |                |
| Melting point/range                    | N/A     |                |
| Boiling point/boiling range            | N/A     |                |
| Flash point                            | >200°C  |                |
| Evaporation rate                       | N/A     |                |
| Flammability (solid, gas)              | N/A     |                |
| Flammability limits in air             | N/A     |                |
| -upper flammability limit              | N/A     |                |
| -lower flammability limit              | N/A     |                |
| Vapor pressure                         | N/A     |                |
| Vapor density                          | N/A     |                |
| Specific gravity                       | N/A     |                |
| Water solubility                       | Soluble |                |
| Solubility in other solvents           | N/A     |                |
| Partition coefficient: n-octanol/water | N/A     |                |
| Autoignition temperature               | N/A     |                |
| Decomposition temperature              | N/A     |                |
| Viscosity                              | N/A     |                |
| Flammable properties                   | N/A     |                |
| Explosive properties                   | N/A     |                |
| Oxidizing properties                   | N/A     |                |

### Other information

VOC content (%): No data available

## 10. Stability and reactivity

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

Stable under normal use.

### Possibility of hazardous reactions

No hazards to be specially mentioned.

### Conditions to avoid

No data available.

### Incompatible materials

No data available.

### Hazardous decomposition products

No data available.

## 11. Toxicological information

### Information on likely routes of exposure

Product information:

- |                 |                    |
|-----------------|--------------------|
| • Inhalation:   | No data available. |
| • Eye contact:  | No data available. |
| • Skin contact: | No data available. |
| • Ingestion:    | No data available. |

### Symptoms related to the physical, chemical and toxicological characteristics

No chronic effects of overexposure are currently known.

### Delayed and immediate effects and also chronic effects from short and long term exposure

- Sensitization: No data available.
- Mutagenic effects: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT – single exposure: No data available.
- STOT – repeated exposure: No data available.
- Aspiration hazard: No data available.

### Numerical measures of toxicity – product

Not applicable.

## 12. Ecological information

### Ecotoxicity

No data available.

### Persistence and Degradability

No data available.

### Bioaccumulation

No data available.

**Other adverse effects:** No data available.

## 13. Disposal considerations

### Waste disposal methods

Dispose of in accordance with local, state, and federal regulations.

### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### Notes:

#### DOT

- |                            |                 |
|----------------------------|-----------------|
| • UN-Number                | Not applicable. |
| • Proper shipping name     | Not applicable. |
| • Hazard class             | Not applicable. |
| • Reportable quantity (RQ) | Not applicable. |
| • Description              | Not applicable. |
| • Emergency response guide | Not applicable. |
| • Number                   | Not applicable. |

#### TDG

- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Description          | Not applicable. |

#### MEX

- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Description          | Not applicable. |

#### ICAO

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- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Description          | Not applicable. |

## IATA

- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • ERG code             | Not applicable. |
| • Description          | Not applicable. |

## IMDG/IMO

- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Subsidiary class     | Not applicable. |
| • EmS number           | Not applicable. |
| • Description          | Not applicable. |

## RID

- |                        |                 |
|------------------------|-----------------|
| • UN-Number            | Not applicable. |
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Classification code  | Not applicable. |
| • Description          | Not applicable. |

## ADR

- |                           |                 |
|---------------------------|-----------------|
| • UN-Number               | Not applicable. |
| • Proper shipping name    | Not applicable. |
| • Hazard class            | Not applicable. |
| • Classification code     | Not applicable. |
| • Tunnel restriction code | Not applicable. |
| • Description             | Not applicable. |
| • ADR/RID – Labels        | Not applicable. |

## ADN

- |                        |                 |
|------------------------|-----------------|
| • Proper shipping name | Not applicable. |
| • Hazard class         | Not applicable. |
| • Classification code  | Not applicable. |
| • Special provisions   | Not applicable. |
| • Description          | Not applicable. |
| • Limited quantity     | Not applicable. |
| • Ventilation          | Not applicable. |

## 15. Regulatory information

### U.S. SARA 313 Notice Requirement (40 CFR 372):

Not applicable.

### U.S. SARA Reportable Quantity (EHS RQ) / Threshold Planning Quantity (SARA 302; 40 CFR 355, App. A):

Not applicable.

### U.S. CERCLA Reportable Quantity (SARA 304; 40 CFR Table 302.4):

Not applicable.

### U.S. TSCA Inventory Status:

Not applicable.

### Other U.S. Federal Regulations:

Not applicable.

### California State Drinking Water and Toxic Enforcement Act (Proposition 65):

No component of this product is on the California Proposition 65 List.

## 16. Other information

|                |                |
|----------------|----------------|
| Prepared by:   | Alicia Barritt |
| Issuing date:  | July 2nd, 2015 |
| Revision date: | July 2nd, 2015 |
| Revision note: | 0              |

### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**