

SAFETY DATA SHEET (SDS)

Assure® Dose Blood Glucose Control Solution

Part Numbers: SDS-046

For use with the *GLUCOCARD® Vital, Assure® Platinum and ReliOn™ Prime Blood Glucose Meters*

**ARKRAY USA, Inc.
5182 West 76th Street
Minneapolis, Minnesota 55439**

**Technical Customer Service Phone:
1-800-818-8877 Option 5**

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

GHS product identifier

Product name: *Assure[®] Dose Blood Glucose Control Solution*

Other mean of identification

Product code(s): *500006 (Normal / High) and 500005 (Normal)*

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 76th Street
Minneapolis, Minnesota 55439
800-818-8877 Option #5

Emergency telephone number: 800-818-8877 Option #5

2. Hazards Identification

Classification

No classification information is available.

GHS label elements, including precautionary statements

Emergency overview

Signal Word *No signal word*

Appearance: *Clear, red, aqueous solution*

Physical state: *Liquid*

Odor: *None*

Precautionary statements

General advice:

- Call a physician immediately and arrange for transport to nearest ER (EMERGENCY ROOM)*

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Eyes:

- Irritation may occur. Flush with plenty of water with the eyelid held wide open for at least 15 minutes. Seek medical attention if feeling unwell.

Skin:

- Minor irritation may occur. Flush well with water for 15 minutes, Seek medical attention if feeling unwell.

Storage:

- Storage at temperature and conditions as indicated on the product label.
Avoid contact with eyes, skin, and clothing.

Disposal:

- Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental 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

Eye contact:

- Irritation may occur. Flush with plenty of water with the eyelid held wide open for at least 15 minutes. Seek medical attention if feeling unwell.

Skin contact:

- Minor irritation may occur. Flush well with water for 15 minutes, Seek medical attention if feeling unwell.

Inhalation:

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

Ingestion:

- May cause mild irritation. 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 physician

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Prevent further leakage or spillage if safe to do so. Prevent product from entering drain.

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. Flush spilled area with large amounts of water.

7. Handling and storage

Precautions for safe handling

Handling:

Protect from contamination. Wear personal protective equipment.

Conditions for safe storage, including any incompatibilities

Storage:

Storage at temperature and conditions as indicated on the product label

Incompatible products:

No data available

8. Exposure controls/personal protection

Control parameters

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Appropriate engineering controls

Engineering measures: Not applicable

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, red, aqueous solution
Odor threshold: Not applicable

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

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 specifically 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

Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations

Contaminated packaging

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

14. Transport information

Notes:

DOT Not applicable

TDG Not applicable

MEX Not applicable

ICAO Not applicable

IATA Not applicable

IMDG/IMO Not applicable

RID Not applicable

ADR Not applicable

ADN Not applicable

15. Regulatory information

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

Not applicable

U.S. SARA Reportable Quantity (EHS RQ) / Threshold Planning Quantity (SARA 301; 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 Systems

Not applicable

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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

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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