



# Safety Data Sheet DPBS without Ca/Mg

Revised: 29-Sep-23

## SECTION 1 – IDENTIFICATION & COMPANY DETAILS

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Product Name: **DPBS without Ca/Mg**  
Product Code / Cat #: **2009-5**  
Product Use: **FOR FURTHER MANUFACTURING OR LABORATORY USE ONLY.**

Manufacturer's Name: **INVITROCARE INC**  
Address: **8415 Progress Drive, Suite F  
Frederick, MD 21701**  
Telephone: **301-360-9660 (Same number to be used in emergencies)**

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

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Classification according to Regulation (EC) No. 1272/2008 [CLP]: **Not Classified**  
Classification according to Directive 67/548/EEC or 1999/45/EC: **Not Classified**  
Adverse physicochemical, human health, and environmental effects: **No additional information available**

## SECTION 3 – COMPOSITION / INFORMATION ON THE COMPONENTS

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|                                       |            |
|---------------------------------------|------------|
| Ultrapure water                       | 7732-18-5  |
| Sodium chloride                       | 7647-14-5  |
| Potassium chloride                    | 7447-40-7  |
| Potassium dihydrogen phosphate        | 7778-77-0  |
| Sodium dihydrogen phosphate dehydrate | 13472-35-0 |

## SECTION 4 – FIRST AID MEASURES

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**INHALATION:** Assure fresh breathing. Allow the victim to rest.  
**INGESTION:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  
**SKIN:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
**EYES:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or redness persist.

## SECTION 5 – FIRE-FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Water spray, dry chemical powder, sand, or appropriate foam.  
**FIREFIGHTING INSTRUCTIONS:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering equipment.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing.



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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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PRECAUTIONS IN HANDLING and STORING: Collect spillage and store away from other materials.  
DISPOSAL: Observe all Federal, State, and Local environmental regulations.

## SECTION 7 – PRECAUTIONS FOR SAFE HANDLING & USE

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PRECAUTIONS FOR SAFE HANDLING: Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

STORAGE CONDITIONS: The content cannot be re-sterilized after opening. Keep only in the original container away from direct (sun)light. Keep container closed when not in use. Do not freeze. Do not use after the expiry date. Store at 15-25°C.

## SECTION 8 – EXPOSURE CONTROLS – PERSONAL PROTECTION

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Avoid any unnecessary contact with skin. Do not eat, drink, or smoke during use. Do not mouth pipette.

RESPIRATORY PROTECTION: Wear appropriate mask.  
PROTECTIVE GLOVES: Wear protective gloves.  
EYE PROTECTION: Chemical goggles or safety glasses.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

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|   |                          |
|---|--------------------------|
| Physical State:                                 | Liquid, clear, colorless |
| Odor:   | Odorless                 |
| pH:   | 7.2 – 7.6                |
| Boiling Point:                                  | No data available        |
| Fire Hazards in presence of various substances: | Non-Flammable            |
| Explosive Properties:                           | No data available        |
| Flash Point:                                    | No data available        |
| Vapor Pressure:                                 | No data available        |
| Density:  | No data available        |
| Solubility:                                     | Highly soluble in water  |
| Vapor Density:                                  | No data available        |



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## SECTION 10 – REACTIVITY DATA

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**STABILITY:** Stable after transport at elevated temperature  $\leq 37^{\circ}$   
Stable for 24 months after date of manufacture.

**CONDITIONS TO AVOID:** Direct (sun)light. Extremely high or low temperatures.

**HAZARDOUS POLYMERIZATION:** Not established

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide

## SECTION 11 – TOXICOLOGICAL INFORMATION

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The toxicological properties of the preparation are not classified.  
Based on available data, the classification criteria are not met.

## SECTION 12 – ECOLOGICAL INFORMATION

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Data not yet available. Avoid release to the environment.

## SECTION 13 – DISPOSAL CONSIDERATIONS

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Dispose of in a safe manner in accordance with federal, state, and local environmental regulations.  
Avoid release to the environment.

## SECTION 14 – TRANSPORT INFORMATION

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In accordance with ADR, RID, ADN, IMDG, and IATA.  
UN number: Not regulated for transport.

## SECTION 15 – REGULATORY INFORMATION

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**Regulations:** No REACH Annex XVII restrictions

## SECTION 16

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Source of key data used to Compile Safety Data Sheet: Component Supplier Safety Data Sheets

Issue Number: 1  
Issue Date: 31-August-2017  
Effective Date: 31-August-2017  
Changes to Issue: Updated



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