



Material Safety Data Sheet

Dulbecco's PBS

1. IDENTIFICATION OF THE PREPARATION/SUBSTANCE AND OF THE COMPANY

Preparation Name: Dulbecco's PBS
Catalogue number of the product: CC702-0500
Use of the preparation:
For laboratory use.
Company identification:
GeneDireX, Inc.
Website: www.genedirex.com

2. HAZARDS IDENTIFICATION

GHS - Classification

Signal Word	None
Health hazards	Not classified
Physical hazards	Not classified
Hazard Statements	Not Applicable
Precautionary Statements	Not Applicable
Principle Routes of Exposure	
Potential Health Effects	
Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.
Specific effects	
Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitization	None.
Target Organ Effects	No known effects under normal use conditions.
HMIS	
Health	0
Flammability	0
Reactivity	0

3. COMPOSITION/ INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST-AID MEASURES

Skin contact	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	Not Applicable
Notes to Physician	Treat symptomatically.



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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment for fire fighters	Standard procedure for chemical
Specific hazards arising from the chemical	Not known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Environmental precautions	No special environmental precautions required. See Section 12 for more information.

7. HANDLING AND STORAGE

Handling	Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
Storage	Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	We are not aware of any national exposure limit.
Engineering measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Impervious gloves.
Eye protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
Form	Solid
Appearance	No data available
Odor	No data available
Odor Threshold	No data available
Boiling point / boiling range	°C No data available °F No data available
Melting point / melting range	°C No data available °F No data available
flash point	°C No data available °F No data available
Autoignition Temperature	°C No data available °F No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Oxidizing properties	No data available
Water solubility	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available



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Partition coefficient:

n-octanol/water

No data available

Vapor Pressure

No data available

vapor density

No data available

Viscosity

No data available

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Materials to avoid

No dangerous reaction known under conditions of normal use.

Possibility of hazardous reactions

Hazardous reaction has not been reported

Hazardous decomposition products

None under normal use conditions.

Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

No toxicology information is available.

Principle Routes of Exposure

Potential Health Effects

eyes

May cause eye irritation with susceptible persons.

Skin

May cause skin irritation in susceptible persons.

Inhalation

May be harmful by inhalation.

Ingestion

May be harmful if swallowed.

Carcinogenic effects

None.

Mutagenic effects

None.

Reproductive toxicity

None.

Sensitization

None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Mobility

No information available.

Biodegradation

Inherently biodegradable

Bioaccumulation

Material does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name

No dangerous good in sense of these transport regulations

Hazard Class

None

Subsidiary class

None

Packing group

None

UN-No

None

Environmental hazards

None



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15. REGULATORY INFORMATION

US Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. GeneDireX, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.