



Material Safety Data Sheet

Dulbecco's PBS Powder

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

Preparation Name: Dulbecco's PBS Powder

Catalogue number of the product: CC701

Use of the preparation:

For laboratory use.

Company identification:

GeneDireX, Inc.

Website: www.genedirex.com

E-mail: info@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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for fire fighters

Standard procedure for chemical fires.

Specific hazards arising from the chemical

Not known



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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 |
| 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.



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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 |

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.