

Dipeptide DBD Liposome

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## SECTION 1. IDENTIFICATION

<b>Product Name:</b>	Dipeptide DBD Liposome
<b>INCI Name:</b>	<i>Dipeptide Diaminobutyroyl Benzylamide Diacetate, Glycerin, Aqua, Phospholipids, Radish Root Ferment Filtrate &amp; Water</i>
<b>CAS#:</b>	56-81-5, 123465-35-0, 84775-94-0, & 7732-18-5
<b>Recommended Use</b>	Topical Cosmetic Use
<b>Supplier:</b>	<b>Bulk Naturals Wholesale LLC.</b> 105 N Jefferson St Ava, Mo 65608, USA
<b>Telephone No. (24hrs):</b>	1-573-465-0612
<b>Emergency Telephone # :</b>	<b>1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)</b>

## SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification:</b>	Not classified as hazardous according to Regulation (EC) No 1272/2008
<b>GHS Label elements:</b>	Not a hazardous substance or mixture.
<b>Hazard statement(s)/Signal:</b>	Not applicable.
<b>Precautionary Statement(s):</b>	Not applicable.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Water	7732-18-5	281-983-5	87.0%
Glycerin	56-81-5	200-289-5	10.0%
Radish Root Ferment Filtrate	84775-94-0	283-918-6	2.0%
Dipeptide Diaminobutyroyl Benzylamide Diacetate	-	-	< 1.0%
Phospholipids	123465-35-0	-	< 1.0%

## SECTION 4. FIRST AID MEASURES

<b>Eye contact:</b>	Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Skin contact:</b>	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
<b>Inhalation:</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion:</b>	Seek medical attention or contact a local poison control center.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

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## SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Alcohol-resistant foam Dry chemical Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Special protective equipment and precautions for fire-fighters:**

In the event of a fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment.

**Environmental precautions:**

Try to prevent the material from entering drains or water courses.

**Methods for cleaning up:**

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Product will burn under fire conditions. General industrial hygiene practice.

**Recommended Storage Conditions:**

To maintain product quality, do not store in heat or direct sunlight. Keep the container tightly closed and dry. No special restrictions on storage with other products.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye protection:**

Safety glasses.

**Hand protection:**

Glove material: for example nitrile rubber.

**Skin and body protection:**

Lightweight protective clothing.

**Respiratory protection:**

No personal respiratory protective equipment is normally required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear, colorless to yellowish, liquid.

**Odor:**

Odorless.

**pH:**

4.5 - 5.5

**Flashpoint:**

ca. 206 °C (closed cup, calculated value)

**Boiling point/boiling range:**

ca. 110 - 115 °C (calculated value)

**Solubility:**

Soluble in water.

**Relative Density:**

1.15 - 1.21 (at 20 °C)

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<b>Ignition temperature:</b>	434 °C Test performed using a similar product.
<b>Thermal decomposition:</b>	Decomposes on heating. Potential for exothermic hazard.
<b>Refractive index:</b>	1.41 - 1.44 (25 °C)

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## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Heat
<b>Incompatible materials:</b>	Strong acids and strong bases. Strong oxidizing agents

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## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Acute oral toxicity:</b>	Acute toxicity estimate : > 5,000 mg/kg (Calculation method)
<b>Skin irritation:</b>	No skin irritation (human, Patch Test 48 Hrs.) Test substance: active ingredient.
<b>Eye irritation:</b>	No eye irritation (OECD Test Guideline 405) Test substance: active ingredient.
<b>Sensitization:</b>	Did not cause sensitization. (human, HRIPT: Human Repeat Insult Patch Test) Test substance: active ingredient
<b>Genotoxicity in vitro:</b>	not mutagenic (Ames test, OECD Test Guideline 471) Test substance: active ingredient not genotoxic (Mutagenicity (micronucleus test), OECD Test Guideline 487) Test substance: active ingredient

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## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Gobiocypris rarus (rare gudgeon) LC50 (96 h) > 121 mg/l Test substance: Active ingredient.
<b>Persistence and Degradability:</b>	Not readily biodegradable. 26.07 % (28 d) (OECD Test Guideline 301F)

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## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods:</b>	Offer surplus and non-recyclable solutions to a licensed disposal company.
<b>Contaminated packaging:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

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# Safety Data Sheet

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## **SECTION 14. TRANSPORT INFORMATION**

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

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## **SECTION 15. REGULATORY INFORMATION**

This product does not need to be labeled in accordance with EC Directives or respective national laws.

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## **SECTION 16. OTHER INFORMATION**

**Revision date:**

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