

SAFETY DATA SHEET Low Density Lipoprotein (LDL)

[Example]

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE

COMPANY/UNDERTAKING

1.1 Product identifier:

Product Name: Low Density Lipoprotein (LDL) from Human Plasma

Cat. No: Example

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Laboratory, Research, Manufacturing

1.3 Details of the supplier safety data sheet:

Medix Biochemica USA, Inc.

10850 Metro Ct.

Maryland Heights, MO 63043

314-968-1091

info@leebio.com

1.4 Emergency Telephone:

Contact your local emergency responder.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture.

2.3 Other Hazards

Product from human source.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

No ingredients are hazardous according to Regulation (EC) No 1272/2008. No components need to be disclosed according to the applicable regulations.

SECTION 4: FIRST AID MEASURES

4.1 First aid measures

Inhalation: If inhaled move to fresh air. If not breathing, give artificial respiration.

Skin: Wash with soap and rinse with copious amounts of water.

Eyes: Flush eyes with water.

Ingestion: Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2.2 and/or section 11.

4.3 Indication of any immediate medical attention and special treatment needed:

No data available.



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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media/Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture:

Nature of decomposition not known.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information:

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions and protective equipment:

Avoid breathing dust vapors or gas. See section 8 for personal protection.

6.2 Emergency procedures:

Contain release, avoid breathing dust vapors or gas. See section 8 for personal protection.

6.3 Containment methods:

Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains.

6.4 Cleanup Procedures:

Do not let product enter drains. Absorb material with inert material and dispose of as hazardous waste.

Decontaminate all contaminated surfaces. Absorb all decontamination materials and dispose of as

hazardous waste. Keep all waste in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

For precautions see section 2.2.

7.2 Precautions for safe storage:

Store in original container tightly sealed.

Storage temperature: -20° C (up to three months)

-70° C (more than three months)

7.3 Specific End-Uses:

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits:

Contains no components with EU exposure limits.

8.2 Appropriate engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal Protective Equipment

Eye/Face Protection: Use of approved laboratory eyewear required.

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection: Not required.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to orange liquid

Upper/lower flammability or explosive limits No data available

Odor No data available

Vapor pressure No data available

Odor threshold No data available

Vapor density No data available

pH No data available

Relative density No data available

Melting point/freezing point No data available

Solubility Soluble as provided

Initial boiling point and boiling range No data available

Flash point No data available

Evaporation rate No data available

Flammability No data available

Partition coefficient No data available

Auto-ignition temperature No data available

Decomposition temperature No data available

Viscosity No data available

Oxidizing Properties No data available

Explosive properties No data available



SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical Stability: Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions: No data available.

10.4 Conditions to Avoid: Protect from moisture.

10.5 Incompatible Materials: No data available.

10.6 Hazardous Decomposition Products: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation: No data available.

Eyes: No data available.

Skin: No data available.

Ingestion: No data available.

Chronic Effects and Medical Conditions: No data available.

Acute Dermal Toxicity: No data available.

Acute Oral Toxicity: No data available.

Acute Inhalation Toxicity: No data available.

Chronic Toxicity: No data available.

Mutagenicity: No data available.

Reproductive effects: No data available.

Carcinogenicity

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

EU: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by EU.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity: No data available.

12.2 Mobility: No data available.

12.3 Persistence and degradability: No data available.

12.4 Other adverse effects: No data available



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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Dispose product in accordance with local, state and federal regulations.

13.2 Contaminated packaging:

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

ADR: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

National Regulations: No additional information available.

Local Regulations: No additional information available.

Health, Safety and Environmental Regulations: No additional information available.

SECTION 16: OTHER INFORMATION

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