

Material SAFETY DATA SHEET (MSDS)
for Exosome Isolation Kit from Breast Milk (Exo-BM50)

1. Identification of the substance/mixture and of the company/undertaking

Identification of the substance/preparation

Product catalog#: EXO-BM50

Product name: Exosome Isolation Kit from Breast Milk

Company/Undertaking Identification

Evomic Science LLC
725 San Aleso Ave STE 3
Sunnyvale, CA 94085
Phone:1-650-387-3623
www.evomicsscience.com

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazards identification

The product contains multiple polymers which are edible and may be found in foods and medicine.

GHS - Classification

Signal Word: not hazardous

Health Hazard: not hazardous

Physical Hazards: not hazardous

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 multiple polymers which are edible and may be found in foods and medicine.

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

4. First aid measures

Skin contact: Rinse with plenty of water. If symptoms arise, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Inhalation: Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

6. Accidental release measures

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Soak up with inert absorbent material.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

See Section 12 for additional information.

7. Handling and storage

Handling: Always wear the recommended Personal Protective Equipment. No special handling advice required.

Storage: Keep in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

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: Safety glasses with side-shields.

Skin and body protection: Lightweight protective clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure control: Prevent product from entering drains.

9. Physical and chemical properties

General Information

Form liquid

Appearance: No information available

Odor No: information available

Boiling Point/Range °C: no data available °F no data available

Melting point/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
Oxidizing properties: No information available.
Water solubility: soluble

10. Stability and reactivity

Stability: Stable under normal conditions.

Hazardous decomposition: None under normal use

Products polymerization: Hazardous polymerization does not occur.

11. Toxicological information

The product contains multiple polymers which are edible and may be found in foods and medicine.

There is no evidence available indicating acute toxicity.

Principle Routes of Exposure/Potential Health effects

Eyes: May cause eye irritation with susceptible people.

Skin: May cause skin irritation in susceptible people.

Inhalation: May be harmful by inhalation.

Ingestion: May be harmful if swallowed.

Carcinogenic effects: none

Mutagenic effects: None

Reproductive toxicity: none

Sensitization: none

Target Organ Effects: No known effects under normal use conditions.

12. Ecological information

Ecotoxicity effects: No information available.

Mobility: No information available.

Biodegradation: Inherently biodegradable

Bioaccumulation: Does not bioaccumulate.

13. Disposal considerations

Dispose of in accordance with local regulations.

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

14. Transport information

IATA

Proper shipping name: Not classified as dangerous in the meaning of transport regulations

Hazard class: none

Subsidiary Class: none

Packing group: none

UN-No: none

15. Regulatory information

U.S. Federal Regulations

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

This product does not contain HAPs.

U.S. State Regulations California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS Hazard Class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

16. Other information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Notice to the reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. This product is for research use only.

End of Safety Data Sheet