

Material SAFETY DATA SHEET

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

Identification of the substance/preparation

Product catalog#: Exo-CC50, Exo-SP10, Exo-BM50

Product name: Exosome Isolation kit for cell culture media

Company/Undertaking Identification

Evomic Science LLC

Phone:1-888-425-6866

www.evomicsscience.com

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

2. Hazards identification

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

Chemical Name	CAS No	EINECS No	Weight%
Sodium azide	26628-22-8	247-852-1	<0.1 %

The product contains no substances which at their given concentration, are considered to be hazardous to health. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. We recommend handling all chemicals with caution.

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 recommended Personal Protective Equipment. No special handling advice required.

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

8. Exposure controls/personal protection

Exposure limits

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium azide	none	none	none	none

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.

Materials to avoid: No dangerous reaction known under conditions of normal use. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

Hazardous decomposition: None under normal use

Products polymerization: Hazardous polymerisation does not occur.

11. Toxicological information

Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Sodium azide	= 27 mg/kg (Rat)	no data available	no data 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

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.

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

Component TSCA

Sodium azide Listed: 26628-22-8 (<0.1)

U.S. Federal Regulations

SARA 313

This product contains the following toxic chemical(s) subject to the notification requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. This law requires certain manufacturers to report on annual emissions of specified chemicals and chemical categories. Please note that if you repackage, or otherwise

redistribute, this product to industrial customers, a notice similar to this one should be sent to those customers:

Chemical Name	CAS No	EINECS No	Weight%	SARA 313 - Threshold Values
Sodium azide	26628-22-8	247-852-1	<0.1 %	1.0

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

This product does not contains HAPs.

U.S. State Regulations

Chemical Name	RTK New Jersey	RTK Pennsylvania	RTK Illinois	RTK Rhode Island	RTK Massachusetts
Sodium azide	Listed				

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 of 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 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