

Antibodies for Extracellular Vesicle research

Material Safety Data Sheet

1. Identification of the product and of the company

Product(s) name/codes:

- **Antibodies for Extracellular Vesicle research.**

HBM-CD9-100

HBM-CD9B-100

HBM-CD63-100

HBM-CD81-EM4-100

HBM-CD41-100

HBM-ALIX-100

HBM-FLOT-100

HBM-CD9M-100

HBM-RAB5-100

HBM-HSP70-100

HBM-SF4-100

HBM-CD44-100

HBM-CAV1-100

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2. Hazards identification

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

3. Composition/information on ingredients

ID number	Name	Content % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 011-004-00-7 CAS: 26628-22-8 EC: 247-852-1	sodium azide	<0,099	Acute Tox. 2, H300+H330 Acute Tox. 1, H310 STOT RE 2, H373 (ingestion) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	1

1- Substance with a Union workplace exposure limit

4. First aid measures

Eye or skin contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids. Get medical attention if any symptom occur.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

5. Fire-fighting measures

None of the components of this product pose a significant risk in case of fire. Normal measures for fire prevention required.

Extinguishing media: should be selected to suit other materials involved in the fire.

Decomposition: Dangerous decomposition is not anticipated. Standard protective measures are recommended for firefighters to limit their exposure.

6. Accidental release measures

Ventilate area. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with local regulations. Wash spill site thoroughly with soap and water after material pick-up is complete.

7. Handling and Storage

This product should be stored as recommended on the product label. All components should be kept in tightly closed containers. Refer to the Storage section of the product insert for further information.

This product should only be handled and used by qualified, trained professionals

8. Exposure controls/personal protection

Substance name (component)	Type	Value	Note
Index: 011-004-00-7 CAS: 26628-22-8 EC: 247-852-1	OEL 8 Hours	0.1 mg/m ³	Skin
	OEL 15 minutes	0.3 mg/m ³	

It is recommended that all laboratory personnel follow standard laboratory safety precautions taken when handling chemicals. Keep all container tightly closed and use a product in a dry and well-ventilated place. Direct physical contact with all components in this product should be avoided. Avoid inhalation. Do not pipet by mouth. Avoid prolonged or repeated exposure. Avoid contact with skin, eyes and clothing. Wear lab coats and disposable gloves when handling. Wipe up spills immediately and clean affected surfaces.

Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: No safety glasses normally required.

Hand protection: Protective gloves.

Hygiene measures: Wash hands before breaks and at the end of workday.

9. Physical and chemical properties

Physical State: liquid

Color: not available

Odor: None detectable.

pH: Non applicable

Boiling Point: 100 °C.

Melting Point: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable.

Auto flammability: Will not occur.

Vapor Pressure: Not applicable.

Water Solubility: Not applicable

10. Stability and Reactivity

The mixture is not reactive under normal conditions of use and storage. Sodium azide can react with metals contained in sewage to form lead or copper azide, which can explode on impact. When reacting with acids, sodium azide can release highly toxic hydrogen azide acid / hydrogen azide gas. The product is stable under normal conditions. Sodium azide can react with metals contained in sewage to form lead or copper azide, which can explode on impact. The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost. Protect against strong acids, bases and oxidizing agents. Hazardous decomposition products Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire

11. General Toxicological Information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Inhalation: No information on adverse effects caused.

Ingestion: No information on adverse effects caused.

Skin and eyes contact: No information on adverse effects caused.

12. Ecological information

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Waste disposal route: Used reagent can be disposed of in the waste water in accordance with local regulations.

Disposal of empty packaging or contaminated containers: Dispose of via local recycling or waste disposal routes in compliance with applicable regulations.

14. Transport information

It is not subject to any restrictions regarding transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO).

15. Regulatory information

This material safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

16. Other information

The information herein is believed to be correct but is provided without warranty of any kind and shall be used as a guide. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed. The burden of safe use of these materials rests solely with the user.

Revision Date 15-September 2022

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.