

Exosome Standards

Material Safety Data Sheet

1. Identification of the product and of the company

Product(s) name: **Exosomes Standards**

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2. Hazards identification

Components of this product are not expected to be hazardous or produce significant adverse health effects when recommended instructions for use are followed.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Physical hazards: Not hazardous

Specific Effects:

| | |
|------------------------------|----------------|
| Carcinogenic effects | Non applicable |
| Mutagenic effects | Non applicable |
| Reproductive toxicity | Non applicable |
| Sensitisation | Non applicable |

3. Composition/information on ingredients

Components of this product are not expected to be hazardous or produce significant adverse health effects when recommended instructions for use are followed.

4. First aid measures

Inhalation: Move to fresh air. If any respiratory symptoms occur get medical attention. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration.

Skin contact: Immediately flush skin with plenty of water and wash with soap and water for at least 15 minutes and remove contaminated clothing and shower. Former should be washed thoroughly before reuse. Get medical attention if any symptom of irritation or discomfort occur.

Eye 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

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: Solid

Color: White

Odor: None detectable.

pH: Non applicable

Boiling Point: Not applicable.

Melting Point: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable.

Auto flammability: Will not occur.

Vapor Pressure: Not applicable.

Water Solubility: Easily soluble

10. Stability and Reactivity

This product is stable until the expiration date indicated on the product label under the specified storage conditions.

11. General Toxicological Information

Inhalation: No information on adverse effects caused.

Ingestion: No information on adverse effects caused.

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

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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.

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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.