

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

Identification of the substance/preparation

Product code SM-P24-01
Product name Coated Plate - 24 well

Company/undertaking Identification

SMSbiotech
1825 Diamond Street
Suite 101
San Marcos, CA 92078
+1 760-290-3406

For Research Use Only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazards identification

GHS – Classification

Signal Word

None

Health Hazard

None

Physical Hazards

None

Principle Routes of Exposure/

Potential Health effects

Eyes	Not known.
Skin	Not known.
Inhalation	Not known.
Ingestion	Not known.

Specific effects

carcinogenic effects	Not known.
mutagenic effects	Not known.
Reproductive toxicity	Not known.
Sensitization	Not known.
Aggravated Medical Conditions	Not known.

HMIS-Hazardous Materials Identification System

Health	0
Flammability	0
Reactivity	0

3. Composition/information on ingredients

The product contains extracellular matrix derived from human cell culture, that at their given amounts, are not considered to be hazardous to health. 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 physician. If not breathing, give artificial respiration.
Notes physician	Treat symptomatically

5. Fire-fighting measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment to for firefighters	none

6. Accidental release measures

Personal precautions	Use personal protective equipment
Methods for cleaning up	Regular cleaning of biomaterials

Environmental precautions

Prevent further leakage or spillage if safe to do so

See Section 12 for additional information

7. Handling and storage

Handling	Protective Equipment. No special handling advice required. Always wear recommended Personal Protective Equipment.
Storage	Keep frozen at around -20 °C (-4 °F).

8. Exposure controls/personal protection

Exposure limits

Exposure limits	We are not aware of any national exposure limit.
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Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

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

9. Physical and chemical properties

General Information

Form	coated plates
Appearance	transparent
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	insoluble
pH VALUE	not applicable

10. Stability and reactivity

Stability	Stabile under normal conditions
Materials to avoid	No dangerous reaction known under conditions of normal use
Hazardous decomposition products	None under normal use
polymerization	Hazardous polymerization does not occur.

11. Toxicological information

Acute toxicity

Acute toxicity	not hazardous.
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Principle Routes of Exposure/
Potential Health Effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation with susceptible persons.
Inhalation	May be harmful by inhalation
Ingestion	May be harmful by ingestion

12. Ecological information

Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable
Bioaccumulation	Does not bioaccumulate

13. Disposal consideration

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

U.S. Federal Regulations

SARA 313 Toxic Chemical Release- Superfund Amendments and Reauthorization Act
This product is not regulated by SARA

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

WHMISA hazard class

Non-controlled

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

16. Other information

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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End of Safety Data Sheet