



## Material Safety Data Sheet

Section 1: Product and Company Identification			
Product Name	Mannitol Salt Agar, MSA		
Catalogue Number:	AS-1288		
E-mail:	Sales@ausamics.com	Website:	Ausamics.com

Section 2: Hazards Identification			
Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		
Label elements	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		

Section 3: Composition / Information on Ingredients			
Mixtures	No components need to be disclosed according to the applicable regulations.		

Section 4: First Aid Measures						
<b>Description of first-aid measures</b>						
If inhaled	After inhalation: fresh air.					
In case of skin contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.					
In case of eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses.					
If swallowed	After swallowing: make the person drink water (two glasses at most). Consult doctor if feeling unwell.					
<b>Most important symptoms and effects, both acute and delayed</b>						
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.						
<b>Indication of any immediate medical attention and special treatment needed</b>						
No data available						

Section 5: Fire Fighting Measures			
<b>Extinguishing media</b>			
Suitable extinguishing media	Water Carbon dioxide (CO2) Foam Dry powder.		
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.		

**Special hazards arising from the substance or mixture**

Carbon oxides  
Hydrogen chloride gas  
Sodium oxides  
Not combustible.

**Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

**Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Section 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of vapors / aerosols or dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up suitable equipment. Dispose of properly. Clean up affected area.

**Reference to other sections**

For disposal see section 13.

**Section 7: Handling and Storage****Precautions for safe handling****Advice on safe handling**

Observe label precautions.

**Hygiene measures**

Change contaminated clothing. Wash hands after working with substance.

For precautions see section 2.

**Conditions for safe storage, including any incompatibilities**

<b>Storage conditions</b>	Tightly closed. Dry. Protected from light. Recommended storage temperature see product label.
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<b>Storage class</b>	Storage class (TRGS 510): 11: Combustible Solids.
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**Section 8: Exposure Controls / Personal Protection****Control parameters****Ingredients with workplace control parameters****Exposure controls****Personal protective equipment****Eye/face protection**

Safety glasses

**Skin protection**

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: KCL 741 Dermatril® L

Splash contact



Material: Nitrile rubber  
Minimum layer thickness: 0,11 mm  
Break through time: 480 min  
Material tested: KCL 741 Dermatril® L

**Respiratory protection**

Not required; except in case of aerosol formation.

**Control of environmental exposure**

Do not let product enter drains.

**Section 9: Physical and Chemical Properties**

Physical state	Powder
Color	Pink
Odor	No data available
Odor Threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	ca.7,4
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Relative density	No data available
Explosive properties	Not classified as explosive.
Oxidizing properties	none
<b>Other safety information</b>	No data available

**Section 10: Stability and Reactivity****Reactivity**

No data available

**Chemical stability**

No data available



<b>Possibility of hazardous reactions</b> No data available
<b>Conditions to avoid</b> no information available
<b>Incompatible materials</b> No data available
<b>Hazardous decomposition products</b> In the event of fire: see section 5.

Section 11: Toxicological Information	
<b>Mixture</b>	
<b>Acute toxicity</b>	Oral: No data available Inhalation: No data available Dermal: No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity - single exposure</b>	No data available
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional Information</b>	Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. Handle in accordance with good industrial hygiene and safety practice.

Section 12: Ecological Information	
<b>Toxicity</b>	
<b>Mixture</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bio accumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>Other adverse effects</b>	Discharge into the environment must be avoided.

**Section 13: Disposal Consideration****Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**Section 14: Transport Information**

<b>UN number</b>	ADR/RID: -   IMDG: -   IATA: -
<b>UN proper shipping name</b>	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
<b>Transport hazard class(es)</b>	ADR/RID: -   IMDG: -   IATA: -
<b>Packaging group</b>	ADR/RID: -   IMDG: -   IATA: -
<b>Environmental hazards</b>	ADR/RID: no   IMDG Marine pollutant: no   IATA: no
<b>Special precautions for user</b>	
<b>Further information</b>	Not classified as dangerous in the meaning of transport regulations.

**Section 15: Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

**Section 16: Additional Notes**

<b>Documented By</b>	Ausamics Life Science Sales@Ausamics.com
<b>Revision date</b>	June 10, 2024
<b>Summary of Revisions</b>	This document has been revised to meet the requirements of the US OSHA HazCom 2012 Standard, which supersedes the existing regulations outlined in 29 CFR 1910.1200, in order to align with the internationally recognized globally Harmonized System of Classification and Labeling of chemicals (GHS).
<b>Disclaimer</b>	The information presented in this Safety Data sheet is accurate to the best of our knowledge, information, and belief at the time of publication. It is intended as a guide for the safe handling, use, processing, storage, transportation, disposal, and release of specific materials. However, it should be interpreted as a warranty or quality specification. The provided information pertains solely to the designated material and may not be applicable to its use in combination with other materials or in any process, unless explicitly stated in the text.