



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	
Description of first-aid measures	
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.
Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.	
Indication of any immediate medical attention and special treatment needed No data available	

Section 5: Fire Fighting Measures	
Extinguishing media	
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	
Storage conditions	Tightly closed. Dry. Protected from light. Recommended storage temperature see product label.
Storage class	Storage class (TRGS 510): 11: Combustible Solids.

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 Dermatrill® 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
Other safety information	No data available

Section 10: Stability and Reactivity
Reactivity No data available
Chemical stability No data available



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

Section 11: Toxicological Information	
Mixture	
Acute toxicity	Oral: No data available Inhalation: No data available Dermal: No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	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	
Toxicity	
Mixture	No data available
Persistence and degradability	No data available
Bio accumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	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.
Other adverse effects	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	
UN number	ADR/RID: - IMDG: - IATA: -
UN proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
Transport hazard class(es)	ADR/RID: - IMDG: - IATA: -
Packaging group	ADR/RID: - IMDG: - IATA: -
Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user	
Further information	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	
Documented By	Ausamics Life Science Sales@Ausamics.com
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Summary of Revisions	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).
Disclaimer	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.