
Material Safety Data Sheet

Part 1 Chemicals and Enterprise Identification

Product name:	Mannitol Salt Agar
Product number:	HCM045
Company Name:	Guangdong Huankai Microbial Sci. & Tech. Co.,Ltd.
Address:	No. 788, Shenzhou Road, Science City, Guangzhou Development Zone, Huangpu District, Guangzhou City, Guangdong Province
Post code:	510663
Company website	http://www.huankai.com
Email address:	webmaster@huankai.com
Fax number:	020-32079986
Technical hotline:	020-32078333-8877/8876
Recommended and restricted uses:	Biochemical research/analysis

Part 2 Hazard Overview

GSH hazard category	Non-hazardous substances or mixtures
GSH tag elements	Non-hazardous substances or mixtures
Other hazards (health hazards, environmental hazards)	No reports

Part 3 Composition Information

Mixture

Chemical composition:	Refer to the instructions for use of the medium.
Hazardous material ingredients:	None

Part 4 First Aid Measures

General information:	No special measures are required.
Skin contact:	Wash thoroughly with clean water immediately.
Eye contact:	Immediately lift your eyelids and rinse with plenty of running water for 15 minutes. Seek medical attention if you feel unwell
Inhalation:	If inhaled, move person to fresh air, if not breathing, remove person Perform respiratory procedures and contact a physician.
Ingestion:	If swallow, rinse mouth with water and seek medical attention if unwell.
Medical information:	Present the product instructions or this SDS.

Part 5 Firefighting Measures

Hazardous characteristics:	Does not support combustion.
Hazardous combustion products:	Carbon monoxide, carbon dioxide, nitrogen oxides.
Fire extinguishing methods and fire extinguishing media:	Use a fire extinguisher suitable for the surrounding fire source. Water, foam, carbon dioxide, sand.
Fire fighting precautions:	Prevent gas inhalation.

Part 6 Emergency Response to Release

Personal protection:	Wear a personal lab coat, gloves and mask to avoid inhalation of dry powder.
Environmental protection measures:	Wipe clean with a damp cloth and floor mop.
Cleaning/Collection Measures:	Store in a dark, dry place and tighten the cap immediately after use.

Part 7 Handling and Storage

Precautions for safe operation:	To prevent dust from rising, ventilation equipment should be provided.
Storage precautions:	Store in a dark, dry place, and tighten the bottle cap immediately after use.

Part 8 Exposure Controls/Personal Protection

Occupational exposure limits	There are no known national exposure limits.
Engineering control:	Provide safety showers and eyewash facilities
Personal protection measures	
Respiratory protection:	Weigh product in a fume hood and wear a mask.
Eye protection:	Wear safety glasses.
Body protection:	Wear a lab coat.
Hand protection:	Wear chemical-resistant gloves.
Other protection:	Routine industrial hygiene practices, wash hands promptly after work.

Part 9 Physical and Chemical Properties

Exterior:	Powder	pH value:	No data available
Color:	Light yellow	Odor:	Characteristic
Melting point:	No data available	Boiling point:	No data available
Rising point:	No data available	Flash point:	No data available

Explosion limit

Lower limit:	No data available	Upper limit:	No data available
Thermal decomposition:	No data available		

Solubility: Add distilled water according to the dosage ratio specified in the product instructions, heat and boil until completely dissolved, and the solution is red, clear and free of precipitation.

Part 10 Stability and Reactivity

Stability:	Stable when stored under appropriate conditions.
Conditions to avoid:	Avoid contact with strong oxidizing substances.
Taboo items:	No data available
Hazardous decomposition products:	No decomposition if used according to product instructions.
Aggregation Hazards:	No data available

Part 11 Toxicological Information

Acute toxicity:	No data available
Skin irritation or corrosion:	No data available
Eye irritation or corrosion:	No data available
Respiratory or skin allergies:	No data available
Germ cell mutagenesis:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific Target Organ Systemic Toxicity—Single Exposure:	No data available
Specific target organ toxicity - repeated exposure	No data available
Inhalation hazard	May cause respiratory tract irritation

Part 12 Ecological Information

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulation potential:	No data available
Mobility in soil:	No data available
Other environmental hazards:	No data available

Part 13 Disposal

Product

Disposal method: Dispose in accordance with relevant local government regulations.

Package

Recommendation: Discard or recycle according to relevant local government regulations.

Recommended cleaning reagents: Water and cleaning agent if needed.

Part 14 Transportation Information

United Nations Dangerous Goods Number (UN Number):	None
UN shipping name:	Non-dangerous goods

Transport hazard classification:	None
Packaging category:	None
Packaging mark:	None
Packing:	Plastic bottle, ordinary cardboard box outside
Marine pollutants (yes/no):	No
Transportation precautions	Please choose the appropriate transportation means and corresponding transportation and storage conditions according to the properties of the chemicals.

Part 15 Regulatory Information

Regulations on the Safety Management of Hazardous Chemicals (issued by the State Council on January 9, 2002)

Regulations on the safe use of chemicals in the workplace ([1996] Ministry of Labor Issue No. 423)

Classification and marking of commonly used hazardous chemicals (GB13690-2009)

GB/T22234-2008 Chemical labeling specifications based on GHS

GB/T 16483-2008 Chemical Safety Data Sheet Contents and Project Sequence

GB/T 17519-2013 Guidelines for Preparing Chemical Safety Data Sheets

GBZ 2.1-2007 Occupational Exposure Limits for All Hazardous Agents in the Workplace Part 1: Chemical Hazardous Agents

Part 16 Other Information

Part 2, GHS hazard classification and labeling elements, comes from the *Globally Harmonized System of Classification and Labeling of Chemicals*.

Training recommendations: Provide adequate information, guidance and training to operators.

The information in this table is based on our current knowledge and is intended to provide the correct safety precautions for the product and should be used as a guide only.