

## Potato Dextrose Agar

### Part 1 Chemicals and Corporate Logo

Product English name:	Potato Dextrose Agar
Product code:	HCM050
Name of enterprise:	Guangdong Huankai Microbial Sci. & Tech. Co.,Ltd.
Address:	No.788,Shenzhou Road,Guangzhou Science City, Guangzhou,Guangdong Province,China
Post:	510663
The company web site	<a href="http://www.hkmbio.com">http://www.hkmbio.com</a>
Email address:	<a href="mailto:hugochiang@163.com">hugochiang@163.com</a>
Fax no. :	020-32079986
Sales hotline:	020-32078333-8654
Technical number:	020-32078333-8877/8876
Effective date:	2021-05-01

### Part 2 Components/Composition Information

#### Mixture

Chemical composition:	Refer to the Instructions of Culture Media
Harmful material composition:	This product does not have toxic ingredients.

### Part 3 Overview of Risk

Risk categories:



Xi: irritant

Invasive ways:

Health hazard:

Skin or eye contact by inhale or ingest  
only used for biochemical research/analysis,  
harmless to human body when use correctly. Irritant  
to skin, eyes, nasal mucosa and upper respiratory  
tract when inhale or swallow with carelessness.

Environmental hazards: only used for biochemical research/analysis, harmless to the environment when use correctly.

Combustion hazard: No harm of bums.

#### Part 4 First Aid Measures

General information: No special measures required.

Skin contact: Rinse with water immediately.

Eye contact: Close eyelid immediately, rinse with plenty of water. See doctors if not feeling well.

Inhale: See doctors if not feeling well.

Swallow: See doctors if not feeling well.

Medical information: Show instructions or this MSDS.

#### Part 5 Fire Protection

Hazard speciality: Not support burning

Hazardous combustion products: Carbon monoxide, carbon dioxide, nitrogen oxide.

Fire extinguishing method and equipments: Choose suitable fire extinguisher. Water, foam, carbon dioxide, dry powder, sand.

Fire precautions: Prevent gas suction.

#### Part 6 Handling and Storage

Storage conditions: Room temperature

Storage precautions: Stored in dark, cool and dry place, tighten the cap immediately after using.

#### Part 7 Contact Control/Person Protection

##### Person protection measures

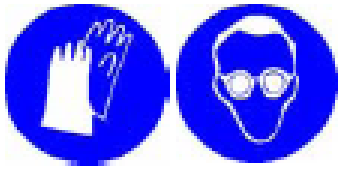
Respiratory protection: Get product in the fume hood, wearing a mask.

Eye protection: Wear safety glasses.

The body protection: Wear laboratory clothing.

Hand protection: Wear resistant chemical glove.

Other protective: Timely replace dirty clothes, wash your hands in time after work.



## Part 8 Physicochemical Characteristics

Appearance:	Powder	pH:	5.6±0.2 (25°C)
Color:	Yellowish	Odour:	Special
Melting point:	No information	Boiling point:	No information
Ignition point:	No pyrophoric material	Flash Point:	No information
The explosion limit			
Lower limit:	No information	upper limit:	No information
Thermolysis	No information		
Solubleness:	Add distilled water according to the instructions, heat to boil till completely dissolved, nacarat solution, clear and no precipitation.		

## Part 9 Stability and Reactivity

Stability:	Stable
Avoid contact conditions:	Avoid contact with strong oxidizing substances.
Taboo:	No information
Hazardous decomposition products:	No decomposition
Aggregate harm:	No possibility

## Part 10 Ecological information

Ecological effects:	No harm to environment when use correctly
Other ecological data:	No harm to water when use correctly

## Part 11 Toxicology data

<b>Acute toxicity</b>	No information
<b>Stimulation reaction</b>	
Skin	Irritant
Eye	Irritant
Respiratory tract	Irritant
Allergic reaction	No information

## Part 12 Waste Treatment Products

Disposal Information: According to the local government related laws and regulations

### Packaging

Suggestion: According to the local government related laws and regulations

Recommended cleaning reagent: Water, cleaning reagents if necessary

## Part 13 Transportation Information

### DOT rules

Hazard rating: —

### Land transport (ADR/RID)

ADR/RID grade: —

### Sea transport (IMDG)

IMDG grade: —

Marine pollution: None

### Air transport (ICAO—TI and IATA—DGR)

ICAO—TI and IATA—DGR grade: —

## Part 14 Regulatory Information

Hazardous chemical materials safety management regulations (2002-1-9 state council) ,  
Workplace safety use of chemicals (1996, No.423, Department of labor) , etc.

Commonly used the classification of dangerous chemicals and sign(GB13690-2009),  
GB/T22234-2008

## Part 15 Other Information reference standard

ISO 11014-2009 GB 16483-2008