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## Material Safety Data Sheet

### Part 1 Chemicals and Enterprise Identification

Product name:	Aerobic Count Plate
Product number:	HP001
Company Name:	Guangdong Huankai Biology Sci. & Tech. Co.,Ltd.
Address:	No. 13, Science and Technology Street, Zhaoqing High-tech Industrial Development Zone, Zhaoqing, Guangdong
Post code:	526238
Company website	<a href="http://www.bhkbio.com">http://www.bhkbio.com</a>
Email address:	<a href="mailto:webmaster@huankai.com">webmaster@huankai.com</a>
Sales hotline:	0758-3680999-8001
Technical hotline:	0758-3680999-8018
Effective date:	June 25, 2020

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### Part 2 Hazard Overview

Intrusion route:	Skin contact or eye contact or inhalation or ingestion
Health hazards:	Irritating or sensitizing to the skin, eyes, nasal mucosa or upper respiratory tract.
Environmental hazards:	Harmless to the environment or (may be harmful to the environment and may cause pollution to water bodies)
Explosion hazard:	None or flammable or (may burn and explode when exposed to open flames or high heat)

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### Part 3 Composition Information

#### Mixture

Chemical composition:	Refer to the instructions for use.
Hazardous material ingredients:	2,3,5-Triphenyltetrazolium chloride 0.03%

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### 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:	Room temperature, store in a dark, dry place.

**Part 8 Exposure Controls/Personal Protection**

<b>Occupational exposure limits</b>	There are no known national exposure limits.
<b>Engineering control:</b>	Provide safety showers and eyewash facilities
<b>Personal protection measures</b>	
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:	Change soiled clothes promptly and wash your hands promptly after work.

**Part 9 Physical and Chemical Properties**

Exterior:	Solid	pH value:	6-8 (25°C)
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
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Thermal decomposition: No data available

Solubility:No data available

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**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

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**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

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**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

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**Part 13 Disposal****Product**

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

**Package**

Recommendation: According to the requirements of local government

Recommended cleaning reagents: Water and cleaning agent if needed.

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**Part 14 Transportation Information**

Land transport (ADR/RID)	--
ADR/RID level	
Maritime transport (IMDG)	--
IMDG level:	
Air transport -	--
ICAO-TI and IATA-DGR level:	

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**Part 15 Regulatory Information**

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Regulations on the Safety Management of Hazardous Chemicals (issued by the State Council on January 9, 2002), Provisions on the Safe Use of Chemicals in the Workplace (No. 423 of the Ministry of Labor [1996]), and other laws and regulations have made corresponding provisions for the safe use, production, storage, transportation, loading and unloading of hazardous chemicals; the Classification and Marking of Commonly Used Hazardous Chemicals (GB13690-2009) and GB/T22234-2008, the chemical labeling specifications based on GHS, do not classify this substance.

**Part 16 Other Information**

**Reference standard**           GB 16483-2008  
  ISO 11014-2009