

SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

Product Name:	E.Coli & Coliform(ECC) Detection Plate
Product Number:	HP004
Company:	GUANGDONG HUANKAI BIOLOGY SCI&TECH.CO,LTD.
Address:	No. 13, Science and Technology Street, Zhaoqing High-tech Zone, Guangdong Province.
Postcode:	526238
Website	http://www.bhkbio.com
Email Address:	webmaster@huankai.com
Fax:	0758-3680999
Sales Hotline:	0758-3680999-8001
Technical Hotline:	0758-3680999-8018
Identified uses:	Laboratory chemicals, Synthesis of substances

SECTION 2 Hazards identification

Classification of the substance or mixture	Not a hazardous substance or mixture
GHS Label elements, including precautionary statements	Not a hazardous substance or mixture
Hazards not otherwise classified or not covered by GHS	None

SECTION 3 Composition/information on ingredients

Mixtures

Ingredients	Refer the instruction manual
Harmful Ingredients	None

SECTION 4 First aid measures

In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Medical information	Show the product instructions or this SDS.

SECTION 5 Firefighting measures

Hazard characteristics	No combustion
Special hazards arising from the substance or mixture	Carbon monoxide, carbon dioxide, nitrogen oxides.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Advice for firefighters	Prevent gas inhalation

SECTION 6 Accidental release measures

Personal precautions	Wear personal lab clothes, gloves and masks to avoid inhalation of dry powder.
Environmental precautions	No special environmental precaution required.
Methods and materials for containment and cleaning up	Sweep up and shovel.

SECTION 7 Handling and storage

Precautions for safe handling	Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage	Keep container tightly closed, store in a dry place, avoid direct sunlight.

SECTION 8 Exposure controls/personal protection

Occupational exposure limits	None
Engineering controls	Provide eye washing equipment
Personal protective equipment	
Respiratory protection	Wear mask
Eye protection	Wear safety glasses
Body protection	Wear lab clothes
Hands protection	Handle with gloves.
Other protection	General industrial hygiene practice.

SECTION 9 Physical and chemical properties

Appearance	Powder	pH	6-8 (25°C)
Colour	Light yellow	Odour	No date available
Melt point	No date available	Boiling point	No date available

Ignition point	No date available	Flash point	No date available
Explosive limits			
Upper thermal decomposition	No date available	Lower	No date available
Solubility	Add distilled water according to the product instructions, heat and boil until completely dissolved, the solution is yellow and clear without precipitation.		

SECTION 10 Stability and reactivity

Reactivity	Stable under suitable conditions.
Conductions to avoid	Strong oxidizing agents
Incompatible materials	No date available
Hazardous decomposition product	Correct operation without risk
Polymerization hazard	No date available

SECTION 11 Toxicological information

Acute toxicity	No date available
Skin corrosion/irritation	No date available
Eye damage/eye irritation	No date available
Respiratory or skin sensitisation	No date available
Germ cell mutagenicity	No date available
Carcinogenicity	No date available
Reproductive toxicity	No date available
Specific target organ toxicity-single exposure	No date available
Specific target organ toxicity-repeated exposure	No date available
Aspiration hazard	Might cause irritation to the respiratory tract.

SECTION 12 Ecological information

Toxicity	No date available
Persistence and degradability	No date available
Bioaccumulation potential	No date available
Mobility in soil	No date available
Other adverse effects	No date available

SECTION 13 Disposal considerations

Product

Waste treatment methods According to the local government regulations.

Contaminated packaging

Recommend According to the local government regulations.

Recommended cleaner Water, or other cleaner

SECTION 14 Transport information

DOT(US) Not dangerous good

IMDG Not dangerous good

IATA Not dangerous good

SECTION 15 Regulatory information

Regulations on safety management of hazardous chemicals (promulgated by the State Council on January 9, 2002)

Regulations on safe use of chemicals in workplace (1996 LBF No. 423)

Classification and marking of common hazardous chemicals (GB 13690-2009)

GB/T 16483-2008 Contents and project sequence of chemical safety data sheet

GB/T 17519-2013 Guidelines for the preparation of chemical safety data sheets

GBZ2.1-2007 Occupational exposure limits for hazardous factors in the Workplace Part 1: chemical hazards

SECTION 16 Other information

The second part, GHS hazard classification and labeling elements, is derived from the global unified system of classification and labelling of chemicals.

Training suggestion: provide sufficient information, guidance and training for operators.

The information in this form is based on what we know so far. It provides the correct safety precautions for the product and is only used as a guide.
