
Material Safety Data Sheet

Part 1 Chemicals and Enterprise Identification

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| Product name: | Chromogenic Salmonella Agar |
| Product number: | CRM004A |
| 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

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|---|--------------------------------------|
| 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

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

Part 4 First Aid Measures

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| 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

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| 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

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| 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

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| 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

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| 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

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|----------------|-------------------|----------------|-------------------|
| Exterior: | Powder | pH value: | 7.0±0.2 |
| 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 light yellow, clear and free of precipitation.

Part 10 Stability and Reactivity

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| 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

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| 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

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|--------------------------------|-------------------|
| 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

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

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| 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.