SAFETY DATA SHEET

-- MCM CuLMSC-SFM 31(A)

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

Product Name:	MCM CuLMSC-SFM 31(A)
Company:	Shanghai Tofflon Bio-reagent Co., Ltd
Address:	No. 139 Duhui Road, Minhang District, Shanghai
Telephone:	+86 21 64909996
Product Number:	CM031(A)-500

SECTION 2: Hazards identification

GHS classification and label elements, including precautionary statements:

Not classified as a hazardous substance or mixture.

Type of composition or mixture:

Not classified as a hazardous substance or mixture.

Hazards not covered by other classifications (HNOC) or GHS:

No

SECTION 3: Composition/information on ingredients

Uniform product or mixture:

Mixture

Intended use:

For research use or further manufacturing. Not for diagnostic use or direct administration into humans or animals.

Composition/information on ingredients:

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Hazardous ingredients:

Not hazardous

SECTION 4: First aid measures

Inhalation:

No special precautions are required if breathed in.

Skin contact:

Rinse with soap and plenty of water.

Eye contact:

Rinse immediately with plenty of water.

Ingestion:

Rinse mouth thoroughly with water and have person drink plenty of water. Never give anything by mouth to an unconscious person.

Note to physicians:

Treat according to symptoms.

SECTION 5: Firefighting measures

Extinguishing media:

Water, alcohol-resistant foam, dry chemicals, carbon dioxide.

Special hazards arising from the substance or mixture:

The nature of the decomposition products is not known.

Advice for firefighters:

If necessary, an independent fire extinguisher should be equipped to extinguish the fire.

Protection for firefighters:

Perform firefighting activities upwind, avoiding the inhalation of hazardous gasses. Wear self-contained breathing apparatus for firefighting if necessary.

More information:

Use water spray to cool unopened bottles.

SECTION 6: Accidental release measures

Personal precautions:

Avoid breathing vapor, mist or gas. Use personal protective equipment.

Environmental precautions:

Do not let product enter drains. Ensure that contaminated waste water is not released into the environment before being properly treated.

Methods and materials for sealing and cleaning:

Control spillage and then collect them without combustible absorbent material. Dispose of contaminated items in suitable closed containers.

SECTION 7: Handling and storage

Precautions for safe handling:

No special precautions required.

Conditions for safe storage:

Store at 2 ~ 8°C protected from light.

Safety handling precautions:

Obtain instruction before use.

Specific use:

No data available.

SECTION 8: Exposure controls/personal protection

Control parameters:

Control concentration: No data available

Permissive concentration China Society for Occupational Health: Not established

ACGIH TLV(S): Not established

OSHA PEL: Not established

Limitation of exposure:

No substances with operational exposure limits.

Exposure Control:

Avoid splashes and ensure ventilation.

Protective equipment:

Respiratory protection: If ventilation is required or insufficient, wear respirator and components which tested and approved by appropriate government standards.

Hand protection: Protective gloves.

Eye protection: Protective eyewear.

Skin and Body protection: Protective clothing.

Sanitary practices: General industrial sanitary practices.

Control of environmental exposure:

If safety can be ensured, measures can be taken to prevent further leaks or spills. Don't let the product go down the drain.

Avoid discharge into the surrounding environment.

SECTION 9: Physical and chemical properties

Form:	Liquid
Color:	No data available
Odor:	No odor
pH:	No data available
Boiling point/Boiling range:	No data available
Melting point/Melting range:	No data available
Evaporation rate:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Vapor pressure:	No data available
Vapor density:	No data available

Oxidizing properties:	No data available
Solubility:	Dissolves in water
Specific gravity:	No data available

SECTION 10: Stability and reactivity

Stability:

Stable

Reactivity:

No data available

The possibility of a dangerous reaction:

No data available

Conditions to avoid:

avoid light

Materials to avoid:

Strong oxidants

Hazardous decomposition:

None under normal use conditions

Dangerous decomposition products formed under fire conditions:

No data available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity:	No data available
Local effects:	No data available
Skin corrosion/irritation:	Not harmful
Severe eye injury/eye irritation:	No data available
Respiratory system or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Intake:	No data available
Carcinogenicity:	None
Reproductive toxicity:	No data available
Specific target organ toxicity:	No known effects under normal conditions of use

Aspiration hazard: No data available

SECTION 12: Ecological information

Ecotoxicity:

Aquatic toxicity: No data available

Solubility in water: Soluble

Persistence/Degradability: No data available

Bioaccumulation: No data available

Mobility in soil: No data available

Other adverse reactions: No data available

SECTION 13: Disposal considerations

Waste treatment:

Dispose according to local public and other applicable regulations.

Contaminated packaging:

Empty containers should be used for local recycling.

SECTION 14: Transport information

Ministry of Communications:

Non-dangerous goods

International Maritime Dangerous Goods Transport Regulations:

Non-dangerous goods

International Air Transport Association:

Non-dangerous goods

SECTION 15: Regulatory information

Regulations on the safe use of chemicals in the workplace and other regulations, have made corresponding regulations on the safe use, production, storage, transportation, and unloading of hazardous chemicals.

Substances Control Law: Not applicable

Industrial Safety and Health Law: Products not applicable as organic solvents

Law for promotion of Chemical Management (Pollutant Release and Transfer Register Law): Not applicable

Fire Service Law: Not applicable

Ship Safety Law (Regulations for the Carriage and Storage of Dangerous Goods in Ship):	Not applicable
Civil Aeronautics Law:	Not applicable

SECTION 16: Other information

References:

Globally Harmonized System of classification and labeling of chemicals, (Current Edition), UN
Recommendations on the TRANSPORT OF DANGEROUS GOODS, (Current Edition), UN
Classification, labeling and packaging of substances and mixtures (table3-1 ECNO618)
2012 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
TLVs and BEIs. (ACGIH), (Current Edition)
JISZ7253 (Current Edition)
JISZ7252 (Current Edition)
2015 Recommendation for allowable concentrations (Japan Society for Occupational Health)
Supplier's data/information

Responsibilities:

The above information is believed to be correct but does not purports to be complete and is intended as a guide only. In this document. The information is based on our current knowledge and appropriate safety precautions applied to the product.
Shanghai Tofflon Bio-reagent Co., Ltd. shall not be liable for any damage caused by handling or contact with the above products.
It is the user's responsibility to develop appropriate handling methods and personal protection methods according to the actual use situation.