Elabscience Biotechnology Co., Ltd

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name:	1 M HEPES Solution
Catalog Number:	PB180325
Company:	Elabscience Biotechnology Co., Ltd
Address:	Building B18,Biomedical Park, #858 Gaoxin Road, Donghu Hi-Tech Development Area, Wuhan, Hubei, China
Email:	alice.elabscience@gmail.com
Emergency Phone:	86-27-87385095

SECTION 2 HAZARDS IDENTIFICATION

Hazards Identification:

According to GHS
Physical hazards: Not Hazardous
Health hazards: Not Hazardous
Environmental hazards: Not Hazardous

SECTION 3 INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4 FIRST-AID MEASURES

Skin Exposure
In case of contact, wash skin with soap and copious amounts of water. If irritation persists, call a physician.
Eye Exposure:
In case of contact with eyes, flush with copious amounts of water for several minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.
Inhalation Exposure:
Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. If necessary, get medical attention.
Oral Exposure:
Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If necessary, get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:
Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.
Firefighting:
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:
Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation o dust.
Methods for Cleaning up:
Soak up with inert absorbent material.
Environmental precautions:
No special environmental precautions required.

SECTION 7 HANDLING AND STORAGE

Handling:
Use personal protective equipment as required. No special handling advices are necessary.
Storage:
Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers

SECTION 8 EXPOSURE CONTROL/PPE

Engineering Controls:
Contains no substances with occupational exposure limit values. Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment:
Respiratory: Government approved respirator if needed.
Eye: Chemical safety goggles if needed.
Clothing: Wear appropriate protective clothing.
Hand: Protective gloves.
Other Protect:
No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid.
PH: No data available.
No data is available for Vapor Pressure, Vapor Density, Evaporation Rate, Viscosity, Boiling Point, Freezing/Melting Point, Decomposition Temperature, Solubility, Specific Gravity/Density, or Molecular Weight.

SECTION 10 STABILITY AND REACTIVITY

Stability:
Stable under normal temperatures and pressures.
Materials to Avoid:
No data available.
Hazardous Polymerization:
No data available.
Hazardous Decomposition Products:
Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:
There is no evidence available indicating acute toxicity.

SECTION 12 ECOLOGICAL INFORMAITON

Toxicity:
Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants
Persistence and degradability:
No data available.
Bioaccumulative potential:
No data available.
Mobility in soil:
No data available.

SECTION 13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORT INORMATION

RID/ADR:	**Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport**
IATA:	Non-Hazardous for Air Transport.
IMO:	Non-Hazardous for Sea Transport.

SECTION 15 REGULATIRY INFORMATION

Regulation (EC) No.1272/2008:
Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

SECTION 16 OTHER INFORMATION

IMPORTANT! Read the safety data sheets before the use and disposal of this product. Insure that this information is understood by the operators exposed to this product. Use this product for the intended purpose as indicated in the instruction manual.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from this use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.