



上海诺创生物科技有限公司  
Shanghai ZNC Biotechnology Co., Ltd.

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## **MATERIAL SAFETY DATA SHEET**

### **SECTION ONE: CHEMICAL IDENTIFICATION-----√-----**

PRODUCT NAME: GLYCEROL POWDER

CAS NO.: 56-81-5

APPEARANCE: WHITE POWDER

LOSS ON DRYING: 6.0% MAX

HEAVY METALS: 10PPM MAX

#### **COMPANY IDENTIFICATION:**

COMPANY NAME: SHANGHAI ZNC BIOTECHNOLOGY CO., LTD.

ROOM 617, BUILDING 4-5, NO.500 EAST GAOKE ROAD, PUDONG NEW AREA, SHANGHAI (201210), CHINA

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### **SECTION TWO: COMPOSITION / INFORMATION ON INGREDIENTS-----√-----**

CHEMICAL NAME: GLYCEROL POWDER

PERCENTAGE: 65% MIN

### **SECTION THREE: HAZARDOUS IDENTIFICATION----√-----**

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

### **SECTION FOUR: FIRST AID MEASURES-----√-----**

INHALATION AID: REMOVE VICTIMS TO FRESH AIR. KEEP VICTIMS AT REST.

SKIN AID: IMMEDIATELY REMOVE VICTIMS FROM THE CHEMICALS, WASH OFF AFFECTED SKIN WITH PLENTY OF WATER, CONSULT A DOCTOR.

EYE AID: WASH OUT WITH PLENTY OF WATER WITH THE EYELID HELD WIDE OPEN FOR AT LEAST 15 MIN, CONSULT A DOCTOR.

INGESTION AID: WASH MOUTH AND STOMACH WITH PLENTY OF WATER. CONSULT A DOCTOR.

### **SECTION FIVE: FIRE FIGHTING MEASURE---√-----**

EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

### **SECTION SIX: ACCIDENTAL RELEASE MEASURES-----√-----**

PERSONAL PROTECTION: WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

ENVIRONMENTAL PRECAUTIONS: ABSORB ON SAND OR VERMICULITE AND

### **SECTION SEVEN: HANDLING AND STORAGE-----√-----**

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HANDLING: PREVENT FROM OF DUST CLOUDS. TAKE PRE CAUTIONARY MEASURE AGAINST STATIC DISCHARGE.

STORAGE: KEEP IN A COOL, DRY PLACE. KEEP CONTAINER RIGHTLY CLOSED. KEEP AWAY FORM DIRECTLY SUNSHINE.

**SECTION EIGHT: EXPOSURE CONTROLS/ PERSONAL PRETECTION-----√-----**

RESPIRATRY PROTECTION. DUST MASK/ RESPIRATOR.

HAND PROTECTION: RUBBER GLOVES

EYES PROTECTION: SAFETY GOGGLES OF FACE SHIELD.

SKIN PROTECTION: SAFETY WORKING CLOTHING.

**SECTION NINE: TOXICOLOGICAL INFORMATION---√-----**

NO DATA AVAILABLE.

**SECTION TEN: STABILITY AND REACTIVITY-----√-----**

GENERAL: EXPIRY TERM, AT LEAST 24 MONTHS IN A STANDARD CONDITION.

CONDITIONS TO AVOID: EXPOSURE TO SUN LIGHT/ HIGH TEMPERATURE.

MATERIAL TO AVOID: OXIDIZING SUBSTANCE. ACID, CHLORIDES AND OTHER CHEMICALS.

**SECTION ELEVEN: DISPOSAL CONSIDERATION-----√-----**

DISPOSAL IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**SECTION TWELVE: PHYSICAL AND CHEMICAL PROPERTIES-----**

PHYSICAL STATE AND APPEARANCE: POWDER

OTHER PROPERTIES: NOT AVAILABLE

**SECTION THIRTEEN: ECOLOGICAL INFORMATION-----**

ECOTOXICITY: NOT AVAILABLE.

PRODUCTS OF BIODEGRADATION:

POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY.

HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION: THE PRODUCT ITSELF AND ITS PRODUCTS OF DEGRADATION ARE NOT TOXIC.

SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION: NOT AVAILABLE.

**SECTION FOURTEEN: TRANSPORT INFORMATION-----**

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMO/IMDG

**SECTION FIFTEEN: OTHER REGULATORY INFORMATION-----**

NOT APPLICABLE.

**SECTION SIXTEEN: OTHER INFORMATION-----**

NOT APPLICABLE.