



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-----√-----

RPRODUCT 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

ID:91310115060857196L

TEL: 86-21-68453907 FAX: 86-21-58356660

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-----√-----

IN HALATION AID: REMOVE VICTIMS TO FRESH AIR. KEEP VICTIMS AT REST.

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

SECTION FIVE: FIRE FLIGHT MEASURE---√-----

EXTINGULISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OF
APPROPRIATE FOAM.

SPECIAL FIRE FLIGHTING 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 REACTION: WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER
BOOTS AND HEAVY RUBBER GLOVES..

ENVIRONMENT MENTAL PRECAUTIONS: ABSORB ON SAND OR VERMICULITE AND

SECTION SEVEN: HANDING 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.