



百泰生物科技股份有限公司 BION TECH INC.
35053 臺灣苗栗縣竹南鎮竹南科學園區科東三路 6 號 5 樓
5F, No.6,Ke-dong Rd.,Sec.3,Science-Based Industrial Park.,
Jhunan Township, Miaoli County, Taiwan 350, R.O.C

Date: 2022.01.01

MSDS- BIOLIFE

(MATERIAL SAFETY DATA SHEET)

1. Substance/preparation and company name

1.1 Identification of material

1.1.1 Name : BIOLIFE(Soil Improver)

1.2 Identification of manufacturer

1.2.1 Company : BION TECH INC.

1.2.2 Address : 5F, No.6, Ke-dong Rd., Sec.3, Science-Based Industrial Park, Jhunan Township, Miaoli County, Taiwan 350, R.O.C.

1.3 Emergency Telephone

1.3.1 BION TECH INC. : 886-37-586333

2. Composition/information on ingredient

2.1 Active ingredients:

Bacillus Subtilis Viable spores 1×10^{12} CFU/kg

<i>Bacillus Subtilis</i> (68038-70-0)	50%
Diatomaceous earth(61790-53-2)	46%
Sodium lignosulfonate(8061-51-6)	4%

2.2 CAS-NO. :68038-70-0

2.3 EINECS-No. : None

2.4 Description: Fermentation product for agriculture purposes

2.5 Systematic name: None

2.6 Dangerous impurities: None

3. Possible hazards

Inhalation of dust may cause respiratory tract irritation

4. First aid measures

If inhaled : Remove to fresh air if respiratory irritation develops or if breathing becomes difficult.

5. Fire fighting and measures

Extinguishing media : Carbon dioxide, foam, dry chemical, water spray.

6. Accidental release measure



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Wear appropriate personal protective equipment, including appropriate respiratory protection to ventilate contaminated area.

7. Handling and storage

7.1 Handling : Avoid continuous breathing of dust. Use only with adequate ventilation. For Agriculture use only.

7.2 Storage : Store in sealed package. Keep package tightly closed when not in use and during transport. Keep products away from sunlight, moisture and heat.

8. Exposure control and personal protection

Protective equipment :

Respiratory protection: Suitable dust mask is recommended where dust arise form use.

9. Physical and chemical properties

9.1 Appearance : Light brown

9.2 Physical state : Dry powder

9.3 Odor : Light salty odor

9.4 PH : 6.2~6.4

9.5 Bulk Density : 0.4g/cm³

9.6 Shelf Stability : 3 years at room temperature

9.7 Explosive : N/A

9.8 Erosion : N/A

9.9 Melting point: N/A

9.10 Boiling point: N/A

10. Reactivity

10.1 Stability : Stable

10.2 Hazardous polymerization : Will not occur

10.3 Incompatibilities: Disinfectants, acids, bases and oxidizers.

10.4 Hazardous decomposition products: None

11. Toxicological information

11.1 Rat : Oral LD₅₀>5000mg/kg

11.2 Rat : Dermal LD₅₀>5000mg/kg

11.3 Rat : Inhalation LC₅₀>5000mg/m³

11.4 Primary dermal irritation: Slight



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11.5 Eye irritation: Minimal

12. Ecological information
Not available.

13. Disposal consideration
Waste disposal method :
Reseal in original container and dispose of in accordance with all
federal, state and local laws.

14. Transport information
ADR/RID Class: Not controlled under ADR
IMDG Class: Not controlled under IMDG
IATA-DGR Class: Not controlled under IATA
U.S. DOT: Not Regulated

15. Regulatory information
This product does not contain a toxic chemical.

16. Other information
The information, contained in this Safety Data Sheet is considered
up to the present as true and correct.
