



# DYNOMYCO® Spark

## Safety Data Sheet

### Section 1: Product Information and Company Identification

DYNOMYCO Spark	Product name:	●
Groundwork BioAg, Ltd.	Manufacturer:	●
27 Hashahar St., Mazor, 7316000 Israel	Address:	●
+972-77-5020806	Phone:	●
Groundwork BioAg, Ltd.	Prepared by:	●
March 24, 2023	Date:	●
Inoculant for agriculture	Recommended Use:	●

### Section 2: Hazard Identification

- Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
- Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.
- No hazard symbols required.
- Long-term exposure to any respirable mineral dust could cause slight effects on the respiratory system.

### Section 3: Composition / Information on Ingredients

Ingredient	CAS Number	Percent	Exposure Limits
Microorganism	n/a	5-10%	None
Humic acid (derived from leonardite)	68131-04-4	15-20%	None
Inert Ingredients	n/a	70-75%	None

Exact percentage of composition has been withheld as a trade secret.

### Section 4: First Aid Measures

- |                                                                                                                         |               |   |
|-------------------------------------------------------------------------------------------------------------------------|---------------|---|
| Flush generously with fresh water. Avoid rubbing eyes. If irritation develops, seek medical attention.                  | Eye Contact:  | ● |
| Wash with soap and water. Repeated contact may cause slight irritation. If irritation develops, seek medical attention. | Skin Contact: | ● |
| Move to dust free fresh air. If respiratory distress develops, seek medical attention.                                  | Inhalation:   | ● |
| No adverse effect expected. Drink generous amounts of water to reduce                                                   | Ingestion:    | ● |

# DYNOMYCO®

bulk and drying effects and seek medical attention if significant quantities have been ingested.

## Section 5: Firefighting Measures

Not explosive.	Explosion Data:	●
Product will not burn.	Extinguishing Media:	●
Not flammable or combustible.	Flammability:	●
Not applicable.	Flash Point:	●
Not applicable.	Auto Ignition:	●
SPECIAL FIREFIGHTING PROCEDURES: Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.		●

## Section 6: Accidental Release Measures

- Sweep spilled substances into covered containers: if appropriate moisten first to prevent dusting.
- For extra personal protection use ABEK1 dust mask for inert particles.

## Section 7: Handling and Storage

- Use suitable handling procedures to minimize nuisance dust. If dust levels become excessive, wear goggles and ABEK1 dust masks.
- When wet exfoliated product becomes slippery.
- Store in cool, dry, well-ventilated area.
- Keep container tightly sealed when not in use.
- Avoid extreme temperatures, do not refrigerate or freeze.
- Store between 5-25°C (40-77°F) in a dark place and protected from direct sunlight or heat source.

## Section 8: Exposure Controls / Personal Protection

Use exhaust ventilation to keep airborne dust concentration below exposure limits. Additionally, local exhaust ventilation is recommended where dust may be released.	Ventilation:	●
Use appropriate engineering controls to avoid dust creation or accumulation. Ensure all occupational exposure limits are maintained (5 mg/m <sup>3</sup> on TWA 8 hours for alveolar dust, and 10 mg/m <sup>3</sup> on TWA 8 hours for total inhaled dust). Wear NIOSH or MSHA approved respirator or dust mask in the event of dust creation.	Respiratory Protection:	●
Use gloves to avoid skin irritation.	Skin protection:	●
Eyewash should be available, but eye protection is not required unless physical working conditions demand it.	Eye Protection:	●

# DYNOMYCO®

## Section 9: Physical / Chemical Properties

black powder	Appearance:	●
Slight odor	Odor:	●
pH 8.2-8.26, in 10% aqueous solution (water pH 7.5)	Acidity:	●
Not applicable	Boiling Point:	●
Not applicable	Flash Point:	●
640°C	Melting Point:	●
Not Applicable	Vapor Pressure:	●
0.64 kg/L	Bulk Density:	●
Suspends in water	Solubility:	●
<125 µm	Particle size:	●

## Section 10: Stability and Reactivity

Stable	Chemical stability:	●
Non-reactive, compatible with all substances	Compatibility with other substances:	●
None expected	Hazardous decomposition / byproducts:	●
None known	Conditions to avoid:	●

## Section 11: Toxicological Information

May be harmful if swallowed. No other toxic effect known, including sensitization, narcosis or carcinogenicity.

## Section 12: Ecological Information

Generally considered non-hazardous for the environment.	●
Not expected to bio-accumulate.	●
Not expected to be Toxic Marine Pollutant.	●
No implication to Ozone layer known.	●

## Section 13: Disposal Considerations

DYNOMYCO Spark can be disposed as non-toxic and inactive material in approved landfill sites in accordance with local regulations.

## Section 14: Transport Information

DYNOMYCO Spark is not classified as dangerous for transportation. It may be transported in accordance with the standard local authority regulations.



## Section 15:Regulatory Information

DYNOMYCO Spark is not classified as dangerous for supply under EEC regulations. DYNOMYCO Spark does not require labelling for safety information or risk information.

The above information is accurate and reliable to the best of our knowledge, to date. However, this information should not be interpreted as a guarantee of accuracy or be considered complete. No warranty of any kind is given or implied and Groundwork BioAg, Ltd. will not be considered responsible for any damage, loss, injury or consequential damage which may result from the use or reliance on any information contained.

Users must do their own research as to the pertinence of this information for specific use.

## Section 16:Other Information

All the microorganisms contained in this formulation are of Group 1 according to Directive 2000/54/EC (on the protection of workers from risks related to exposure to biological agents at work). Microorganisms from Group 1 are unlikely to cause human disease.