

SAFETY DATA SHEET

Revision date: 2021/02/01

Version No: 3

Compliant with 29 CFR §1910.1200 HCS 2012

Compliant with HPR WHMIS 2015

BioniQ™ wettable powder

nutrient-solubilizing inoculant for canola, all wheat, oats, mustard, barley and rye - Active Powder B

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	BioniQ™ wettable powder nutrient-solubilizing inoculant for canola, all wheat, oats, mustard, barley and rye - Active Powder B
Chemical Name.	Microbial preparation
Use of the substance/preparation	Fertilizer
Contact Manufacturer	Novozymes BioAg Limited 3935 Thatcher Ave Saskatoon, SK S7R 1A3 Canada
Information Telephone Number	1-888-744-5662
Emergency Telephone Number	1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the chemical in accordance with 29CFR §1910.1200

WHMIS Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Not classified

Precautionary Statements - Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

P312 - Call a POISON CENTER/doctor/physician if you feel unwell

Hazards not otherwise classified (HNOC)

Not Applicable

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3. COMPOSITION/INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Slightly flammable according to HMIS criteria.
Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None.
Hazardous Combustion Products	None.

Specific Hazards Arising from the Chemical May cause allergic respiratory reaction.

Protective Equipment and Precautions for Firefighters Self-contained breathing apparatus and standard turn-out apparel.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection see section 8.
Environmental Precautions	Collect spillage.
Methods for cleaning up	Avoid formation of dust and aerosols. Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder carefully with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning to avoid formation of aerosols. Ensure sufficient ventilation. Wash contaminated clothing.
Other Information	For personal protection see section 8.

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7. HANDLING AND STORAGE

Handling	Avoid formation of dust and aerosols. Ensure adequate ventilation This product is fine powder product. Dust exposure is to be expected during handling. Wear appropriate mask protection see section 8.
Storage Temperature Storage Conditions	Keep tightly closed in a dry and cool place. 0-20°C (32-68°F). In unbroken packaging - dry and protect from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperatures or higher humidity may lead to a higher dosage requirement.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls Engineering Controls	Ensure adequate ventilation, especially in confined areas Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional handling and healthy/safety information is available upon request
Personal Protective Equipment Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications
Eye Protection Skin and body protection General Hygiene Considerations Environmental exposure controls	Wear safety glasses with side shields (or goggles) No special technical protective measures are necessary Handle in accordance with good industrial hygiene and safety practice Local authorities should be advised if significant spillages cannot be contained

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Powder
Color	No information available
Odor	Slight fermentation odor
Odor threshold	No information available
Boiling Point/Range	No information available
Melting Point/Range	No information available
Flash Point	No information available
Freezing point 1	No information available
Flammability (solid, gas)	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
Autoignition temperature	No information available
Vapor Pressure	No information available
Decomposition temperature	No information available
Vapor Density	No information available
Density (g/ml)	0,5
Evaporation rate	No information available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No information available
Viscosity	No data available

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10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions

Conditions to Avoid

Avoid dust formation

Materials to avoid

None

Hazardous Decomposition Products

None

Possibility of hazardous reactions

None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhalation

Inhalation of dust in high concentration may cause irritation of respiratory system

Eye contact

Dust contact with the eyes can lead to mechanical irritation

12. ECOLOGICAL INFORMATION

Toxicity

Contains no hazardous ingredients according to GHS

Persistence/Degradability

Inherently biodegradable

Bioaccumulative Potential

Bioaccumulation is unlikely

Mobility in soil

Not relevant

13. DISPOSAL CONSIDERATIONS

Disposal of wastes

Dispose of in accordance with local regulations.

Contaminated Packaging

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Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

Transport Regulations

No dangerous goods according to transport regulations
No special precautions required

Transport hazard class(es)

not applicable

Packing group

not applicable

Environmental hazards

not applicable

15. REGULATORY INFORMATION

USA, Federal Regulations

TSCA Inventory

All ingredients are listed on TSCA inventory

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

SARA 311/312 Hazardous Categorization

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

USA, State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Canada

DSL/NDSL

Complies

WHMIS Statement

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by WHMIS 2015.

16. OTHER INFORMATION

Training advice

Contact Novozymes Customer Support Centre.

GHS-Classification

The GHS calculation method has been used for classification of this mixture.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified

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in the text. Furthermore, as the conditions of use are beyond the control of Novozymes, it is the responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet

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