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 corn, sorghum, canola, all wheat, oats, mustard, barley and rye - Active Powder A

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	BioniQ™ wettable powder nutrient-solubilizing inoculant for corn, sorghum, canola, all wheat, oats, mustard, barley and rye - Active Powder A
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

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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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Microorganism blend on a natural carrier; none of the ingredient of the mixture is hazardous.
* The exact percentage (concentration) of composition has been withheld as a trade secret

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.

7. HANDLING AND STORAGE

Handling	Avoid formation of dust and aerosols. Ensure adequate ventilation
Storage	Keep tightly closed in a dry and cool place.
Temperature	0-20°C (32-68°F).
Storage Conditions	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	Wear safety glasses with side shields (or goggles)
Skin and body protection	No special technical protective measures are necessary
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Local authorities should be advised if significant spillages cannot be contained

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	White to cream
Odor	Slight fermentation odor
Odor treshold	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)	0,75
Evaporation rate	No information available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No information available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions

Conditions to Avoid
None

Materials to avoid
None

Hazardous Decomposition Products
None

Possibility of hazardous reactions
None

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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

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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

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13. DISPOSAL CONSIDERATIONS

Disposal of wastes
Dispose of in accordance with local regulations.

Contaminated Packaging
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 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

Rethink Tomorrow

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