

SAFETY DATA SHEET

Revision date: 2018/08/06

Version No: 3

Compliant with 29 CFR §1910.1200 HCS 2012

Compliant with HPR WHMIS 2015

FloraMax PW

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name
Chemical Name
Use of the substance/preparation
For use on animals only

FloraMax PW
Direct fed microbial for use poultry

Contact Manufacturer
Novozymes Biologicals, Inc.
2135 Creek View Drive
Fayetteville, AR 72704

Information Telephone Number
1-479-966-4447

Emergency Telephone Number
1-479-966-4447

2. HAZARD(S) 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

none

Hazard statements
None

Precautionary Statements - Prevention
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
Precautionary Statements - Response
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

Hazards not otherwise classified (HNOC)
Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description
Mixture of Live Lactic Acid bacteria, sugars and inorganic stabilisers

4. FIRST AID MEASURES

In case of unintended overexposure, the following measures apply

Inhalation

Effects

Dust may irritate respiratory tracts.

Symptoms

Shortness of breath, wheezing and coughing.

First Aid

If symptoms persist, call a physician.
Show this safety data sheet to the doctor in attendance.

Skin Contact

Effects

Unknown.

Symptoms

Unknown.

First Aid

Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Eye Contact

Effects

Unknown.

Symptoms

Unknown.

First Aid

Hold eye open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Ingestion

Effects

Unknown.

Symptoms

Unknown.

First Aid

Rinse mouth with water and drink plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

Flammable Properties

Powdered material may form explosive dust-air mixtures.

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 No information available.

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.

Sweep up or vacuum up spillage and collect in suitable container for disposal.

Other Information For personal protection see section 8.

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	Keep tightly closed in a dry and cool place.

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	No special protective equipment required
Eye Protection Skin and body protection	Wear safety glasses with side shields (or goggles) Suitable protective clothing
General Hygiene Considerations Environmental exposure controls	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

Information on basic physical and chemical properties

Physical State	Powder
Color	Off-white
Odor	Slight fermentation odor
pH	5-7
Melting point / freezing point	No information available
Initial boiling point and boiling range	Not determined
Flash Point	Not determined
Evaporation Rate	Not available
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not available
Vapor Pressure	No data available
Vapour density	Not available
Density (g/ml)	0.5 - 1
Solubility	100 %
Partition Coefficient (n-octanol/water)	No data available
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

Other information No information available

10. STABILITY AND REACTIVITY

Reactivity	Not relevant
Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None under normal processing
Conditions to Avoid	Avoid dust formation
Incompatible materials	None
Hazardous Decomposition Products	None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This product has no known adverse effect on human health
May cause eye irritation
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

12. ECOLOGICAL INFORMATION

Toxicity

Contains no hazardous ingredients according to GHS

Persistence/Degradability

Mobility in soil	Not relevant
Other adverse effects	No information available

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

Rethink Tomorrow

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

WHMIS Statement

Not determined

16. OTHER INFORMATION

Training advice

Details on the safe handling of this product are located in the Novozymes Customer Center Document Library on www.mynovozymes.com

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

