

SAFETY DATA SHEET

1. Identification of Product and Company Information

Product Name: **LAUNCHPOINT™ INSTIGATE**

Product Use: Planter Box Treatment for Corn

Product Restrictions: Refer to product label

Manufacturer Contact Information: NexStar Crop Performance
P.O. Box 151
1949 N. Linn Avenue
New Hampton, IA 50659
Phone: 800-334-6958

Emergency Contact Information: Phone: 800-334-6958

2. Hazard(s) Identification

Physical Hazards Not Classified

Health Hazards Category 4 (acute toxicity inhalation)
Category 1A (carcinogenicity)
Category 1 (target organ, repeated exposure)

Environmental Hazards Not Classified

OSHA Defined Hazards Not Classified

Label Elements



Signal Word **Danger**

Hazard Statement **Harmful if inhaled. May cause cancer. May damage to organs through repeated exposure.**

Precautionary Statement
Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breath dust. Wash affected body surfaces thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in well-ventilated areas. Wear proper PPE.

Response

If inhaled, remove person to fresh air and ensure comfortable breathing. If of further concern, seek medical advice or attention.

Storage

Store in a cool and dry place.

Disposal

Dispose of contents or containers in accordance with all regional (local, regional, national) regulations.

Hazards Not Otherwise Classified

None known

Supplemental Information

None

3. Composition and Information on Ingredients

Ingredient	CAS#	Percentage
<i>Methylobacterium gregans</i> Strain NL7	N/A	7.25%
Proprietary Base Fluency	N/A	92.75%

State: Mixture, Flowable Powder

4. First-Aid Measures

Inhalation

Remove to fresh air. Ensure comfortable breathing. Provide oxygen or artificial respiration, if needed. If concern continues, seek medical advice or attention.

Skin Contact

Rinse affect area with water. Seek medical attention if irritation develops or persists.

Eye Contact

Do not rub eyes. Rinse with water. Seek medical attention if irritation develops or persists.

Ingestion

Rinse mouth with water or suitable beverage. Seek immediate medical attention if symptomatic.

General Information Prolonged exposure may cause chronic effects.

5. Fire-Fighting Measures

Suitable Extinguishing Media	Water spray. Foam. Powder. CO ₂ .
Non-Suitable Extinguishing Media	Water jet.
Specific Hazards	Hazardous gases may form.
Special Protective Equipment and Precautions	Protective clothing. Self-Contained breathing apparatus.
Firefighting Equipment and Instructions	Water spray to cool unopened container.
General Fire Hazards	No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Keep unnecessary personnel away. Wear appropriate PPE (see section 8). Do not breathe dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fumes at levels exceeding exposure limits. Ensure adequate ventilation.

Methods for Containment and Cleanup: Avoid dispersal of dust in the air. Collect dust using a vacuum with HEPA filtration. This material is classified as a water pollutant under the Clean Water Act and should be prevented from entering sewage and drainage systems.

Environmental Precautions: Avoid discharge into drains or water courses.

7. Handling and Storage

Precautions for Safe Handling	Do not handle until all safety precautions are understood. Minimize dust generation and accumulation. Avoid prolonged exposure. When handling, do not eat, drink or smoke. Use outdoors or in well-ventilated area(s). Wear appropriate PPE. Observe good industrial hygiene practices.
Conditions for Safe Storage	Store in a cool, dry, and well-ventilated area. Store away from incompatible materials (see Section 10).

8. Exposure Controls and Personal Protection

OSHA Limits	PEL	5 mg/cubic meter	Respirable
		15 mg/cubic meter	Total Dust
ACGIH Limits	TWA	0.1 mg/cubic meter	Respirable
	TWA	0.1 mg/cubic meter	Inhalation
NIOSH Limits	TWA	2.5 mg/cubic meter	Respirable

Appropriate Engineering Controls Ventilation/Containment to match conditions

Personal Protective Equipment (PPE)

Eye/Face	Appropriate PPE to prevent eye contact and ingestion.
Hand	Gloves
Other	Clothing to prevent skin contact other than hands.
Respiratory	NIOSH/MSHA approved to match conditions.
Thermal Hazards	None anticipated

9. Physical and Chemical Properties

Appearance

Physical State	Solid
Form	Powder
Color	Variable
Odor	n/a
Odor Threshold	n/a
pH	n/a
Melting Point	n/a
Freezing Point	n/a
Boiling Point/Range	n/a
Flash Point	530F estimated
Evaporation Rate	n/a
Flammability (Solid/Gas)	n/a
Explosive Limits	n/a
Vapor Pressure	n/a
Vapor Density	n/a
Solubility	n/a
Partition Coefficient	n/a
Auto-Ignition Temperature	788F estimated
Decomposition Temperature	n/a
Viscosity	n/a
Density	n/a
Explosive Properties	Not Explosive
Oxidizing Properties	None Known
Specific Gravity	n/a

10. Stability and Reactivity

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible Materials	Strong acids and oxidizers.
Hazardous Decomposition Products	None known.

11. Toxicological Information

Likely Routes of Exposure

Inhalation	Harmful
Skin Contact	Possible irritant
Eye Contact	Possible irritant
Ingestion	Incomplete information available. Avoid ingestion.

Symptoms Related to Physical, Chemical, and Toxicological Characteristics Information on Toxicological Effects

Acute Toxicity	Oral LD50 is not known.
Skin Irritation / Sensitivity	n/a
Eye Irritation	n/a
Respiratory	n/a
Germ Cell Mutagenicity	n/a
Carcinogenicity	Possible carcinogen per IARC
Reproductive	n/a
Target Organ / Single Exposure	n/a
Target Organ / Repeated Exposure	Possible damaged from prolonged unsafe exposure.
Aspiration Hazard	n/a
Chronic Effects	(avoid prolonged unsafe exposure)

12. Ecological Information

Ecotoxicity	Not Classified
Persistence/Degradability	n/a
Bioaccumulation Potential	n/a
Mobility in Soil	n/a
Other Adverse Effects	None known

13. Disposal Considerations

Dispose of material ingredients and containers in accordance with local, regional, and national regulations. An appropriate waste handling site should be considered.

14. Transport Information

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

15. Regulatory Information

US Federal: This product is defined as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) – Not Regulated

CERCLA Hazardous Substances List – Manganese Listed

SARA 304 Emergency Release Notification – Not Regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) – Not Listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely Hazardous Substance – Not Listed

SARA 311/312 Hazardous Chemical - Listed

Other Federal Regulations

Clean Air Act Section 12 Hazardous Air Pollutants List

Manganese Oxide

Clean Air Act Section 112(r) Accidental Release Prevention (40CFR 68.130)

Not Regulated

US State Regulations

California Proposition 65

International Inventories

Canada Domestic Substances List (DSL) - Listed

16. Other Information

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Version 01

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of the manufacturer's knowledge. It is provided for guidance purposes for safe handling, use, processing, storage, transportation, disposal, and release of the product. No warranties, either expressed or implied, are made. The user assumes all risk and liability for loss, injury, damage, or expense in use of this product.