

SAFETY DATA SHEET**PRODUCT: POLYSEED NX®**

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1-888-My-PolySeed

HMIS Health - 1 Fire - 0 Reactivity - 0 NFPA Fire - 0 Health - 1 Hazard - 0
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

1. Product Identification**POLYSEED NX®**

Non-hazardous bacterial mixture under GHS guidelines

For use in the CBOD₅ test

Supplier/Manufacturer:

InterLab®

P.O. Box 130549

Spring, TX 77393-0549

Phone: 281-298-9410

Fax: 281-298-9411

2. Hazards Identification

2.1. Hazard classification: Non-hazardous bacterial mixture under GHS guidelines,
1-Allyl 2-Thiourea – CAS #109-57-9

2.2. Signal Word: Not Applicable

2.3. Hazard Statement: Harmful if swallowed.

2.4. Pictogram: Not Applicable

2.5. Precautionary Statement:

General: Ingestion may cause nausea or diarrhea.

Prevention: Do not ingest; wash hands thoroughly after handling; store in laboratory setting, away from household medications and out of reach of children.

Response: Give two glasses of water to dilute product, do not induce vomiting. contact a physician if symptoms persist.

2.6. Hazards not otherwise classified: None

3. Composition/Information on Ingredients

Product formulation consists of a range of naturally-occurring microorganisms which are known to be non-pathogenic to humans, livestock and agricultural crops and classified as non-hazardous under GHS guidelines. Product also contains a proprietary percentage of 1-Allyl 2-Thiourea – CAS109-57-9 that can be harmful if swallowed.

4. First Aid Measures

<u>Eye Contact:</u>	May cause irritation.
<i>First Aid:</i>	Flush with water for at least 15 minutes. Contact physician.
<u>Skin Contact:</u>	Exposure may irritate sensitive skins.
<i>First Aid:</i>	Wash with soap and water.
<u>Ingestion:</u>	May lead to nausea or diarrhea.
<i>First Aid:</i>	Give two glasses of water to dilute product, do not induce vomiting.
<u>Inhalation:</u>	Asthmatic type response with sensitive individuals may occur.
<i>First Aid:</i>	Remove individual to fresh air and loosen clothing around neck.
<u>General Precautions:</u>	Common sense precautions apply. Always wash hands thoroughly after use. Store in laboratory setting, away from household medications and out of reach of children. Contact a physician if symptoms persist.

5. Fire Fighting Measures

Flash Point:	NA
Fire Fighting Procedures:	None
Extinguishing Media:	Foam, CO ₂ , dry chemical, or water

6. Accidental Release Measures

Personal Precautions:	Wear appropriate PPE – See section 8
Environmental Precautions:	None required.
Methods for Cleaning Up:	Clean up promptly by sweeping or vacuuming.

7. Handling and Storage

Recommended Storage:	Store in dry area between 65° and 80° F.
Precautions for Handling:	Keep dry and at room temperature. Ensure containers remain sealed. Avoid inhalation, ingestion and exposure to skin. Wash hands thoroughly after use. Follow recommended CDC-NIH Biosafety Level 1 Laboratory practices.

8. Exposure Controls and Protection

Exposure limits:	None
Personal Protection:	
<u>Eye Contact:</u>	May cause irritation.
<i>Personal Protection:</i>	Safety glasses with side shields.
<u>Skin Contact:</u>	Exposure may irritate sensitive skins.
<i>Personal Protection:</i>	Limit exposure. Use rubber gloves. Do not handle product directly.
<u>Ingestion:</u>	May lead to nausea or diarrhea.
<i>Personal Protection:</i>	Store in safe place. Wear protective mask.
<u>Inhalation:</u>	Asthmatic type response with sensitive individuals may occur.
<i>Personal Protection:</i>	Use approved respiratory protection. Avoid creating dust.
<u>General Precautions:</u>	Common sense precautions apply. Always wash hands thoroughly after

PolySeed NX[®]

use. Store in laboratory setting, away from household medications and out of reach of children. Contact a physician if symptoms persist.

9. Physical and Chemical Characteristics

Form:	Granular powder
Color:	Buff to brown
Odor:	Musty
Specific Gravity:	4.1 – 5.8 lb. /gal
Water Solubility:	Insoluble/dispersible
pH of 10% Solution:	7.0 ± 0.2
Particle Size:	1.588 mm
Moisture (% Wet Wt.):	6% - 12%

10. Stability and Reactivity

Stability:	Stable at ambient temperatures and atmospheric pressure
Incompatibility:	None
Hazardous Byproducts:	None
Hazardous Polymerization:	Will not occur
Condition to Avoid:	Hygroscopic; protect from moisture

11. Toxicological Information

Inhalation of dust may cause respiratory allergies in susceptible individuals. See physician if problems occur.

12. Ecological Information

This product disperses in water and is biodegradable.

13. Disposal Information

Uncontaminated spillages can be returned to the container. Product is biodegradable. Check local and state authority requirements for disposal of large quantities.

14. Transportation Information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information

TSCA Inventory, SARA Title III, RCRA Hazardous Waste: Not Listed

16. Other Information

This product should not come in direct contact with food.

This information is given in good faith, based on knowledge currently available to InterLab[®]. No known relevant information has been omitted. The information provided is designed to enable the user to use the product safely. InterLab[®] cannot accept liability for any loss, injury, or damage which may have resulted in misuse of the product. Where the customer has concerns, it is recommended they perform their own tests.