

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product name Nano Zyme 2.0
Synonyms
Chemical characterization Proprietary Formula
Distributor: MAX Systems LLC
 23533 45th St. SE
 Lake Lillian, MN 56253
EMERGENCY TELEPHONE NUMBER 1-800-222-1222

2. HAZARDS IDENTIFICATION

Emergency Overview

Code	Hazard Statements	Hazard Class	Category	Pictogram	Signal Word	Precautionary Statements	Response	Storage	Disposal
H320	Causes eye irritation	Serious eye damage/eye irritation	Category 2B	None	Warning	P264	P305+P351+P338, P337+P313		

P Code	Statement
P264	Wash hands thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P313	IF eye irritation persists: Get medical advice/attention.

Keep away from open wounds and cuts

Hazards not otherwise classified (HNOC) or not covered by GHS-Not Applicable

May cause mild skin irritation if not rinsed off with soap and water

May cause eye irritation if not rinsed out with copious amounts of water

Eye Contact	Avoid eye contact
Skin Contact	Avoid all skin contact
Inhalation	Avoid inhalation
Ingestion	Avoid ingestion
General Advice	Slight risk
Properties Affecting Health	Light risk
Principle Routes of Exposure	Skin contact

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH TWA	Acute Toxicity	IARC*	NTP*	OSHA*
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Proprietary Formula, Other components are either non-hazardous or do not significantly contribute to the hazards of the product.

Trade Secret Claims: Specific chemical identity and/or exact percentage (concentration) of components has been withheld as a trade secret.

* IARC - Group 1 (Carcinogenic to humans)

* NTP - Report on Carcinogens - Known Carcinogens

* OSHA - Regulated Carcinogens

4. FIRST AID MEASURES

General Advice	KEEP OUT OF REACH OF CHILDREN
Skin Contact	Rinse with soap and water
Eye Contact	Flush eyes with water
Inhalation	Move to well ventilated area
Ingestion	If swallowed see physician immediately
Notes to Physician	Inert Sugarcane Extract, with other micronutrients
Protection of First-Aiders	Gloves during physical exam
Aggravated Medical Conditions	none

5. FIRE-FIGHTING MEASURES

Flash Point	Same as water
Suitable Extinguishing Media	Water and foam are suitable (Product is Non-Flammable)
Extinguishing media which must not be used for safety reasons	N/A

Specific Hazards

Special exposure hazards rising from the substance or preparation itself, its combustion products, or released gases	N/A
Special protective equipment for firefighters	This is not a hazardous product therefore, no special equipment required

Specific Methods

NFPA (National Fire Protection Association)	Health=(slight)1	Reactivity=0	Fire=0	Special= (none)
HMIS (Hazardous Material Information System)	Health=1 (slight)	Reactivity=0	Fire=0	Special= (none)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	
Environmental precautions	None. If spills, rinse water is safe to discharge into the drain.
Methods for cleaning up	Soap and water

7. HANDLING AND STORAGE**Handling**

Technical Measures / Precautions	Store between 40 °F and 90 °F. Keep from freezing.
Safe Handling Advice	Keep away from excess heat. Store product at room temperature. Wear rubber gloves for prolong skin contact

Storage

Technical Measures / Precautions	Keep container closed when not in use
Incompatible Products	N/A. Do not mix with other cleaning products or with polish.
Specific use(s)	For row crops and many other crops. (Corn, etc.)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	None
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**Personal protective equipment**

Hand Protection	Wear rubber gloves. Prolong contact may make skin slippery.
Eye protection	Use chemical goggles and ensure an eyewash station is readily available
Respiratory Protection	Ensure there is adequate ventilation. But not required.
Skin and Body Protection	Keep away from open wounds or cuts
Hygiene measures	Wash hands with soap and water after use
Environmental exposure controls	None-If large spill occurs, Contain the spill; recollect in suitable container for disposal

9. PHYSICAL AND CHEMICAL PROPERTIES**General Information****General Information**

Physical State	Liquid	Solubility (H₂O)	100%	Freezing Point	Same as water	Partition Coef	NA
Formula	Mixture	Volatiles %	None	pH @ (25C)	6.0-7.0	Odor	Earthy
Color	Light to Dark Brown	Density	1.01 g/cm ³	Melting Pt	Same as water	Odor Threshold	NA
Stability	Very Stable	Bulk Density	NA	Auto Ignition T	NA	Decomposition	NA
Flammability	Non-flammable	Specific Gravity	1.17	Dust Defrag Kst	NA	Evaporation Rate	NA
Explosivity	Non-explosive	Vapor Press	NA	Vapor Den	NA	Additives	None
Flash Pt	Same as Water	Boiling Pt	NA	Viscosity	NA		

10. STABILITY AND REACTIVITY

Stability	This material is stable
Materials to Avoid	Do not mix with other chemical
Hazardous Decomposition Products	N/A
Polymerization	Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity N/A

Component Information- Inert Sugarcane Extract, with other micronutrients

Product Information- Inert Sugarcane Extract, with other micronutrients

Local Effects

Skin Irritation	No data available
Eye Irritation	May cause slight redness.
Inhalation	None No data available.
Ingestion	May cause slight stomach discomfort.
Sensitization	None- No data available.
Chronic Toxicity	None- No data available

Specific Effects

Carcinogenic Effects	N/A
Mutagenic Effects	N/A
Reproductive Toxicity	N/A
Target Organ Effects	N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects NONE

Component information

CAS	Chemical Name	% Weight	ACGIH TWA	Acute Toxicity	IARC*	NTP*	OSHA*
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* ACGIH - Occupational Exposure Limits - TWA's

* OSHA - PELs

Product Information

Aquatic Toxicity	None
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Other Information

Ozone Depletion Potential; ODP; (R-11=1)	None- Ozone safe full VOC compliance, 0.0 VOC
Global Warming Potential (GWP)	None- Ozone safe full VOC compliance
Additional Ecological Information	N/A Non polluted for air, water and soil
Mobility	N/A
Bioaccumulative Potential	N/A
Ecotoxicity Effects	N/A
Aquatic Toxicity	N/A

13. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products	Follow all federal, state, and local government regulations for disposal considerations
Contaminated Packaging	As above

14. TRANSPORT INFORMATION

NMFC	068140-06 Class-70 Fertilizing Compounds (Manufactured Fertilizers), NOI Liquid, in boxes, drums
UN-No	Not applicable
Proper shipping name	Fertilizing Compounds, NOI: Liquid
Packing group	Not applicable
Subsidiary Risk	None
Description	Inert Sugarcane Extract, with other micronutrients

15. REGULATORY INFORMATION

CERCLA	RCRA	VOC	EUOED*
N/A	N/A	None	N/A

* EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

16. OTHER INFORMATION

HMIS Rating Health hazard: 1 Flammability: 0 Reactivity: 0		NFPA Rating Health hazard 1 Fire Hazard 0 Reactivity hazard 0	
Packing Sizes	1 gallon; 5 gallon; 55 gallon; 275 gallon; customize packaging available		
Literary Reference	None.		
Prepared By	Regulatory Compliance		

The information contained on this SDS is been checked and should be accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

End of Safety Data Sheet.