

LidoChem, Inc.
 20 Village Court
 Hazlet, NJ 07730
 Phone#:(732) 888 8000
 Fax#: (732) 264 2751

MATERIAL SAFETY DATA SHEET	
MSDS#:	979
Product Code:	NutriSmart
Date Printed:	04/04/06
Review/Revision Date:	11/15/04

SECTION I - General Information And Chemical Product Identification

Trade Name:	NutriSmart
Chemical Name:	Nitrogen Fixing Yeasts
Chemical Formula:	
Chemical Family:	Yeast
Synonyms:	
CAS#:	N/A
D.O.T. Shipping Name:	Fertilizer

SECTION II - Composition/information On Ingredients

CAS#:	Common Name:	ACGIH/PPM		OSHA/PPM	
		TWA	STEL	PEL1	% by Wt.
	Saccharomyces Cerevisiae (yeasts)	None	None	None	

SECTION III - Hazard(s) Identification

Route(s) of Entry:	Ingestion and Dermal, Inhalation.
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Emergency Overview

Dust may cause irritation to eyes, skin and nose.
 Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing.
 Product is not flammable.

Potential Health Effects:

Product is not considered hazardous. Product may cause irritation to eyes, skin and nose. Avoid contact with eyes and skin. Avoid inhaling dust.

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Signs & Symptoms Of Exposure:

None known.

SECTION IV - First Aid Information

Ingestion:

Spit out product and wash mouth out completely.

Eyes:

Flush eyes with large quantities of running water for a minimum of 15 minutes. If victim is wearing contact lenses, remove them. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water.

Skin:

In case of contact, wash with plenty of soap and water for at least 5 minutes.

Inhalation:

Remove to fresh air.

SECTION V - Fire And Explosion Data

NFPA Hazard Ratings:	0 = minimal	1 = slight	2 = moderate	3 = serious	4 = severe	N/R = Not Rated
Health:	Fire:	Reactivity:	Special:			

For Chemical Emergencies Call CHEMTREC - Day or Night - at 800 424 9300.



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Health:	0	Env:	0	Reactivity:	0	Special:	N/A
Flash Point:	Non flammable		Methods Used:	N/A			
Flammable Limits:	Non flammable		LeI:	N/A	Uel:	N/A	
Autoignition Temp:	N/A						

Extinguisher Media
 Not combustible. Use extinguishing method suitable for surrounding fire.  



Special Fire Fighting Procedures
 Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.  

Unusual Fire and Explosion Hazards
 None  



Hazardous Combustion Products:
 Product is not combustible.  

Emergency Response Guidebook Information: None

Section VI- Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 Collect as much as possible. Place reclaimed product in the container. Dispose of material in accordance with local regulations. Flush the area with water.  

Section VII- Handling and Storage

Handling and Storage
 Store the material in a well ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area.  

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Section VIII - Exposure Control and Personal Protection

Skin Protection

Skin contact should be minimized through use of gloves and suitable long sleeved clothing(i.e. shirts and pants). Considerations must be given both to durability as well as permeation resistance.

Respiratory Protection

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

Eye Protection

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

Other Protection:

Minimize breathing dust. Avoid prolonged or repeated breathing of dust and contact with skin. Remove contaminated clothing; launder before reuse. Cleanse skin thoroughly after contact, before meals and end of work period.

Ventilation Limits:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: local exhaust ventilation at the point of generation.

Exposure Limits

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting OSHA requirements. The following limits (ACGIH, OSHA and other) apply to this material, where, if indicated, S=skin and C=ceiling limit:

Particulates Not Otherwise Regulated Respirable Fraction: OSHA TWA: 5 mg/cu M

Particulates Not Otherwise Regulated Total Dust: OSHA TWA: 15 mg/cu M

Hygienic Practices:

All food / smoking materials should be kept in a separate area away from the storage/use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, drinking or smoking, hands and face should be thoroughly washed. Facilities storing or using this material should be equipped with an eyewash and safety shower.

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Section IX - Physical and Chemical Properties

Molecular Weight:	N/Av
Boiling Point:	N/Ap
Melting Point:	N/Ap
Specific Gravity:	
Vapor Pressure(mm/hg):	Not rated
Vapor Density(air=1):	Not rated
Reactivity In Water:	N/A
Solubility In Water:	
Appearance And Odor:	
Other:	

Section X - Stability and Reactivity

Stability:	This material is stable under normal handling and storage conditions.
Conditions to Avoid:	Moisture.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.
Polymerization Conditions To Avoid:	

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Will not occur.  

Section XI - Toxicological Information

Eye Effects:
 irritating to human eyes  

Section XI - Toxicological Information - Continued

Skin Effects:
 irritating to human skin  

Dermal Toxicity:
 No test data available.  

Inhalation Effects:
 No test data available.  

Sensitization:
 No test data available.  

Ingestion Effects:
 No test data available.  

Carcinogenicity/Mutagenicity:

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This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.
 No information found on Mutagenicity.

Reproductive Effects:

No test data found for product.

Neurotoxicity:

No test data found for product.

Target Organs:

No test data found for product.

Additional Toxicological Information:

None

Section XII- Ecological Information

Biodegradability:	No test data found for product.
Ecotoxicity:	No test data found for product.
Biological Oxygen Demand(BOD5):	No test data found for product.
Chemical Oxygen Demand:	No test data found for product.
Activated Sludge Respiration Inhibition Test:	No test data found for product.

Additional Ecological Information:

No additional information found for this product.

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SECTION XIII - Disposal Considerations

Waste Disposal Methods:
 Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Be advised that state/local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of material. Chemical additions, processing or otherwise altering this material may make the waste management information presented incomplete, inaccurate or otherwise inappropriate.

Container Disposal Information:
 Be advised that state/local requirements for container disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of container.

Section XIV - Transport Information

Proper Shipping Name:	Fertilizer		
D. O. T. Hazard Class:	(Not regulated by D.O.T.)	UN:	N/Ap
Label Requirement:	None	RQ:	N/Ap
Placard:	None		
Packing Group:	N/Ap	CAS1	N/A

Section XV - Regulatory Information

State Right To Know Laws:

The following ingredients are disclosed for compliance with State Right to Know Laws:

CAS#	Chemical Name	State RTK
	none	

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SARA Title III Hazard Classes Sections 311/312:

N/A

OSHA Status:

This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

SARA Title III Hazard Classes Section 302 - EXTREMELY HAZARDOUS SUBSTANCES:

This product does NOT contain ingredients listed in Appendix A and B as Extremely Hazardous substances.

none

TSCA Status:

SARA Section 313 :

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

CAS#	Chemical Name:
	none

Cercla, 40 Cfr 117, 302:

This product does not contain ingredients specified in the List of Extremely Hazardous Substances.

Cercla Listed Substances Are:

none

SARA Superfund Section 110:

This product does NOT contain ingredients listed as hazardous substances on the Priority List of CERCLA Hazardous substances.

California Proposition 65:

This product does NOT contain any chemicals which require warning under California Proposition 65.

Michigan Critical Materials:

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This product does NOT contain ingredients listed on the Michigan Critical Materials Register.

CAA:	None known.
CWA:	None known.
RCRA:	Not considered a hazardous waste.
Canada CEPA:	All intentional ingredients are not listed on the DSL.
Canada WHMIS:	N/A

SECTION XVI- Other Information



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**Key Legend Information:**

N/Av: Not Available
 N/Ap: Not Applicable
 N/R: Not Rated
 ND: Not Determined
 ACGIH: American Conference of Gov'ntal Industrial Hygienists
 OSHA: Occupational Safety and Health Administration
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 TWA: Time Weighted Average
 STEL: Short Term Exposure Limit
 NTP: National Toxicology Program
 IARC: International Agency for Research on Cancer
 SARA Title III: Superfund Amendments and Reauthorization Act
 CERCLA: Comprehensive Response, Compensation and Liability Act
 TSCA: Toxic Substance Control Act

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Material Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200). This supersedes any previous information. All LidoChem, Inc. MSDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new MSDS from LidoChem, Inc. if the date is older than 3 years.

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Material Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Material Safety Data Sheet available to your employees.

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