



MATERIAL SAFETY DATA SHEET

Product or Chemical Name

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Garden Nurture™ Soil Inoculant
IDENTIFICATION NUMBER: 4400
USE OF THE PREPARATION: Mixture
MANUFACTURER: INTX Microbials, LLC
ADDRESS: 200 West Seymour, Kentland, IN 47951
EMERGENCY TELEPHONE NUMBER: 325-597-1373/219-474-5510
ISSUE DATE: After hours: 817-905-0343
LOCATION USED: March 2003
ADDRESS: Gardens Alive!®, Inc.
TELEPHONE NUMBER: 5100 Schenley Place, Lawrenceburg, IN 47025
EMERGENCY: (812) 537-8665 Ext. 2223
 For Chemical Emergency Call Chemtrec (24 hours):
 800-424-9300 (U.S., Canada, Puerto Rico, Virgin Islands)

SECTION 2: HAZARDOUS INGREDIENTS

NFPA HAZARD RATINGS	No.	0 Least
Health	0	1 Slight
Flammability	0	2 Moderate
Reactivity	0	3 High
		4 Severe

Common Names: N-DURE
 Formula: _____ Ingredients: _____ Chemical Name: _____
 Substance Approx. OSHA ACGIV Carcinogenicity CAS
 % PEL TLV NPT IARC OSHA No.

(Small amounts of quartz area naturally-occurring component of the carrier substrate)
 Contains naturally-occurring, non-pathogenic Rhizobium bacteria. These are symbiotic nitrogen-fixing bacteria, to be applied as a seed treatment or in-furrow at seed planting, to specific legume crops (not a plant food product). See product label for specific crop information, application rates and methods. Not for food, feed or drug use.

SECTION 3: FIRST AID PROCEDURES

Eyes: Flush eye with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion: No treatment necessary.
Skin: Wash with soap and water.
Inhalation: Remove person to fresh air. Get medical attention if irritation persists.

SECTION 4: HEALTH HAZARD INFORMATION

Primary Route(s) of Entry: Oral (swallowing)
Carcinogen Listed In: Quartz is listed as a carcinogen by NTP and LARC.
Health Hazards:
Signs & Symptoms of Exposure: Eyes: Dust may cause mechanical irritation of eye
 Skin: No known hazard.
 Inhalation: Inhalation of large amounts of dust may cause discomfort.
 Ingestion: No known hazard.
 Chronic Effects: Chronic inhalation of quartz dust causes lung disease.
 Target Organs: Lungs
Medical Conditions Generally Aggravated by Exposure: Respiratory disease.
Emergency Overview: There are no known health effects caused by the Rhizobium bacterial contained in this product.

SECTION 5: FIRE & EXPLOSION DATA



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Boiling Point (° F):	Not determined
Specific Gravity:	0.6
Vapor Pressure (mm Hg):	Not determined
Vapor Density (air=1):	Not determined
Water Solubility:	Insoluble
Evaporation Rate (water=1):	
Water Reactive:	
Appearance and Odor:	Color: dark brown Odor: earthy
pH:	6.5 to 7.4
Flash Point and Test Method (°F):	None.
Auto-ignition Temperatures:	Not determined.
SECTION 5: FIRE & EXPLOSION DATA (continued)	
Flammable Limits in Air % by Volume:	
Extinguishing Media:	Use media suitable for the surrounding fire
Special Fire Fighting Procedure:	No special requirements.
Unusual Fire and Explosion Hazard:	None known.
Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	Some seed-applied chemicals, including fungicides, may be harmful to the bacteria in this product. See product label for further information on the use of fungicides or other chemicals in conjunction with seed treatment.
Hazardous Decomposition Products:	Oxides of carbon
Conditions to Avoid:	None
SECTION 6: PERSONAL PROTECTION & PRECAUTIONS	
Respiratory Protection:	Wear a dust mask when working in dusty conditions
Ventilation:	Special ventilation is not required for the normal handling and use of this product when following the label instructions.
Protective Gloves:	
Other Protective Equipment:	
Eye Protection:	Dust proof goggles are recommended when working in dusty conditions.
Hygienic Work Practices:	Clean application equipment with detergent and water after use.
Other Precautions:	
Personal Protection:	Practice general personal hygiene after using this product. After handling any chemical or biological product, wash arms, hands and face with soap and water before eating, drinking, or smoking.
SECTION 7: PRECAUTIONS & SPILL/LEAK PROCEDURES	
Spill or Leak Precautions:	Contain spill and recover for use or disposal.
Other Precautions:	Spilled liquid may cause slippery residue on hard floors. Flush spill area with water to wash away any slippery residue.
SECTION 8: STORAGE & DISPOSAL	
Waste Disposal Method:	Small amounts of product which cannot be used according to label instructions may be disposed of in a landfill.
RCRA Waste Status:	This product is not regulated as a hazardous waste. State and local regulation may affect the disposal of this product. Consult your state, and local or provincial environmental agency for disposal of waste other than by use according to label instructions.
Handling and Storage:	Store in original container in a cool, dry place. Avoid repeated freeze/thaw cycles. Open package only when ready to use. Use before expiration date printed on package. No special handling requirements. Follow normal hygiene and housekeeping standards for agricultural products.



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SECTION 9: REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

SARA Section 313: Contains no reportable components.

OSHA Hazard Classification: Non-hazardous

Proposition 65: Contains no components subject to warning requirements.

WHMIS/Controlled Products Regulations: This product has been classified in accordance with the hazard criteria for the CPR and this MSDS contains all of the information required by the CPR.

WHMIS/Controlled Products Regulations: This product has been classified in accordance with the hazard

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