



# SAFETY DATA SHEET

Trade name: Garden Nurture™ Soil Inoculant

Product No: 4400

Print date: 11/20/2019

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Garden Nurture™ Soil Inoculant

**Product Number:** 4400

**Product Use:** Mixture

**Manufacturer Name and Address:** INTX Microbials, LLC  
200 West Seymour, Kentland, IN 47951  
325-597-1373/219-474-5510  
After hours: 817-905-0343

**Distributor:** Gardens Alive!®, Inc.  
230 Mary Ave. Greendale, IN 47025

**Product Information:** (513) 354-1483

**Emergency Phone Number (Poison Control):** 800-222-1222

## SECTION 2: HAZARDS IDENTIFICATION

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

**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

Inhalation: Inhalation of large amounts of dust may cause discomfort.

Ingestion: No known hazard.

Skin: No known hazard.

**Chronic Effects:** Chronic inhalation of quartz dust causes lung disease.

**Target Organs:** Lungs

**Emergency Overview:**

There are no known health effects caused by the Rhizobium bacterial contained in this product.



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### SECTION 3. HAZARDOUS INGREDIENTS / IDENTIFICATION INFORMATION

Common Names: N-DURE

Formula:

Ingredients:

Chemical Name:

Substance	Approx. %	OSHA PEL	ACGIH TLV	Carcinogenicity NPT IARC OSHA	CAS No.
	No data	Not required		Not required	

(Small amounts of quartz are 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 4: FIRST AID MEASURES

**Eyes:** Flush eye with water for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Wash with soap and water.

**Inhalation:** Remove person to fresh air. Get medical attention if irritation persists.

**Ingestion:** No treatment necessary.

### SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media:** Water spray, fog, CO2, foam, dry chemical.

**Special Firefighting Procedures:** No special requirements.

**Unusual Fire and Explosion Information:**

None known.

**Flash Point And Method:** None

**Chemical 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



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spill Or Leak Procedures:** 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 7: HANDLING AND STORAGE

**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.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**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.



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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Dark brown  
**ODOR:** Earthy  
**pH:** 6.5 to 7.4  
**FLASH POINT:** None  
**DENSITY:** 0.88 – 0.92 g/ml  
**SPECIFIC GRAVITY:** 0.6

## **SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

No data available.

## **SECTION 12: ECOLOGICAL INFORMATION**

Not required

### **ECOTOXICOLOGICAL INFORMATION:**

Not required.

## **SECTION 13: DISPOSAL CONSIDERATION**

Dispose of in accordance with prevailing local, state and federal regulations.

## **SECTION 14: TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

## **SECTION 15: 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.



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### **SECTION 16: OTHER INFORMATION**

**MANUFACTURER DISCLAIMER:** The information contained herein is, to the best of the manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**NOTICE:** How this product is used is very important and beyond the control of the seller. The buyer assumes all risks for any use beyond those described on the label or for any use under abnormal conditions.