

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
ICT Organics 1-2-3 NPP

*Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.*

### Section I

Manufacturer's name ICT Organics

Emergency Telephone Number 866-997-5450

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information 410-997-5450

11127 Willow Bottom Drive

Date Prepared March 3, 2009

Columbia, MD 21044

Signature of Preparer (optional) N/A

### Section II—Hazardous Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Chitosan	CAS: 9012-76-4		None Est.	1 %
Inert Ingredients				99 %

### Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.4
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water Complete

Appearance and Odor

### Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media N/A

Special Fire Fighting Procedures None

**Section V—Reactivity Data**

Stability	Unstable N/A		Conditions to Avoid
	Stable N/A	X	
Incompatibility ( <i>Materials to Avoid</i> )			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

**Section VI—Health Hazard Data**

Route(s) of Entry	Inhalation?	Skin?	Ingestion? Unlikely
Health Hazards ( <i>Acute and Chronic</i> )			
Carcinogenicity N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? No
Signs and Symptoms of Exposure	Eye irritation, dry and or itchy skin		
Medical Conditions	Generally Aggravated by Exposure None		
Emergency and First Aid Procedures			
Ingestion: Rinse mouth with plenty of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical care if feeling sick or nauseous. Skin Contact: Wash with soap and water. Eye contact: Flush with water for 15 minutes. Get medical attention if irritation persists. Inhalation: Remove person to fresh air.			

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled	
Absorb liquid with an inert absorbant and dispose of material and empty container in accordance with local regulations.	
Waste Disposal Method	If product can not be disposed of according to use directions on label, dispose of in accordance With local, state and federal regulations
Precautions to Be Taken in Handling and Storing:	Store in a cool dry area, Keep container closed when not in use. Keep out of the reach of children. Do not smoke or eat in the product storage area.
Other Precautions	NONE

**Section VII—Control Measures**

Respiratory Protection ( <i>Specify Type</i> )		If Mist or dust conditions are present use respirator approved by NIOSH
Ventilation	Local Exhaust	adequate fresh air
	Mechanical ( <i>General</i> )	adequate fresh air
	Special	NONE
	Other	NONE
Protective Gloves	Gloves should be worn when handling or applying	Eye Protection Eye protection is recommended when spraying
Other Protective Clothing or Equipment	Adequate clothing should be worn to prevent prolonged skin contact	
Work/Hygienic Practices	Long sleeve shirts, long pant leg trousers. Have clean water available for eye or skin wash	