

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 Essential-1 PHE

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)
Castor Oil	CAS: 8000-25-7		None Est.	4.7 %
Cedar Oil	CAS: 8000-27-9			4.7 %
Citric Acid	CAS: 77-92-9			0.2 %
Garlic Oil	CAS: 800-78-0			0.7 %
Sodium Lauryl Sulfate	CAS: 9004-82-4			1.0 %
White Pepper	n.a.			0.1 %

Section III—Physical/Chemical Characteristics

Boiling Point	212	Specific Gravity (H ₂ O = 1)	1.0 g / ml
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	Clear, very pale yellow liquid with a faint minty scent		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) > 145 degrees F (TCC)	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	Use Foam, Carbon Dioxide or Dry Chemical extinguishers		
Special Fire Fighting Procedures	None		

Section V—Reactivity Data

Stability	Unstable N/A		Conditions to Avoid
	Stable N/A	X	

Incompatibility (*Materials to Avoid*) Strong acids or alkali and strong oxidizers

Hazardous Decomposition or Byproducts

Carbon Dioxide, carbon monoxide, smoke, fumes and unburned hydrocarbons and terpenes

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation? Unlikely	Skin? Unlikely	Ingestion? Unlikely
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Health Hazards (*Acute and Chronic*) Prolonged exposure may cause skin irritation, eye / nasal irritation, dizziness, headache, or nausea. State of California requires any product containing more than 8.5% or more of Rosemary to at minimum bear the signal word "Caution," the phrase "keep out of reach of children," and a requirement for protective eyewear and gloves.

Carcinogenicity No	NTP? No	IARC Monographs? No	OSHA Regulated? No
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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	